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(54) **FUNGICIDAL COMPOSITIONS**

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A01N 43/84	(2006.01)
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See application file for complete search history.

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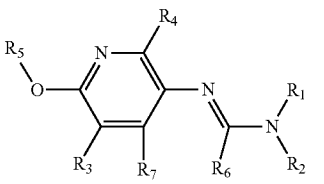
(57) **ABSTRACT**

The present invention provides a composition comprising a combination of components A) and B), wherein component A) is a compound of formula (I) and the component (B) is a further fungicide, insecticide or herbicide.

(I)



16 Claims, No Drawings

FUNGICIDAL COMPOSITIONS

RELATED APPLICATION INFORMATION

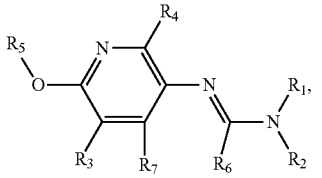
This application is a 371 of International Application No. PCT/CN2012/073665, filed 9 Apr. 2012, which claims priority to International Application No. PCT/CN2011/084016, filed 14 Dec. 2011, the contents of which are incorporated herein by reference.

The present invention relates to novel fungicidal compositions which comprise fungicidally active pyridylamidine compounds for the treatment of phytopathogenic diseases of useful plants, especially phytopathogenic fungi, and to a method of controlling phytopathogenic diseases on useful plants.

Certain phenylamidine derivatives are described in WO2008/101682 as microbicidally active ingredients in pesticides.

The present invention provides a composition comprising a combination of components A) and B), wherein component A) is a compound of formula (I)

(I)



wherein

R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl, C_3-C_4 alkynyl, (R_{10})carbonyl and (R_{10})oxycarbonyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a 5- or 6 membered cyclic group which may be saturated or unsaturated and may contain a further heteroatom selected from S or O;

R_3 represents hydrogen, halogen, cyano, nitro, mercapto, hydroxy, —C(═S)NH_2, —SF_5, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6 alkyl)amino, a 5-membered heterocycle containing 1-4 nitrogen atoms, piperidino, morpholino, thiomorpholino, formyl, hydroxycarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 haloalkenyloxycarbonyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl, C_1-C_6 hydroxyalkyl, phenyl or benzyl wherein the phenyl and benzyl are optionally substituted by one or more groups independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino and dimethylamino;

R_5 is hydrogen, C_1-C_{12}alkyl, C_3-C_{12}alkenyl, C_3-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl, or is C_1-C_{12}alkyl, C_2-C_{12}alkenyl, C_2-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7alkylcarbonyl, C_2-C_7haloalkylcarbonyl, C_1-C_6alkyl, C_1-C_6haloalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkylthio, C_1-C_6alkylsulfinyl and C_1-C_6alkylsulfonyl; or

R_5 is formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12} alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl, or is C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12} alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

R_5 is (R_{51})(R_{52})(R_{53})Si—, (R_{51})(R_{52})(R_{53})Si—(C_1-C_{12}alkyl)-, (R_{51})(R_{52})(R_{53})Si—(C_3-C_8cycloalkyl)-, (R_{54}O)(R_{55}O)(R_{56}O)Si—, (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_1-C_{12}alkyl)- or (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_3-C_8cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl, C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-N—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(═O)—, —C(═S)—, —C(═NOR_{59})—, —C(R_{60})═NO—, —ON═C(R_{60})—, —O—C(═O)—, —C(═O)—O—, —O—, —S—, —S(═O)—, —S(═O)$_2$—, —S(═O)(═NR_{13})—, —S(═O)(R_{14})═N—, —N═S(═O)(R_{14})—, —N(R_{62})—C═O)—, —C═O)—N(R_{62})—, —N(R_{62})—SO_2— or —SO_2—N(R_{62})—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to poly-substituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- or A-O—(C_3-C_8cycloalkyl)-;

wherein A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A2) by substituents independently selected form the group consisting of $(R_{14})S(=O)(=NR_{13})$—, $(R_{14})(R_{15})S(=O)=N$—; —$Si(R_{51})(R_{52})(R_{53})$, —$NR_{57}R_{58}$, —$C(=O)NR_{57}R_{58}$, $C(=S)NR_{57}R_{58}$, $HC(=NOR_{59})$—, (C_1-C_6alkyl)$C(=NOR_{59})$—, (C_1-C_6haloalkyl)$C(=NOR_{59})$—, (C_1-C_6alkyl)$C(=NOR_{59})C_1$-C_6alkyl-, (C_1-C_6haloalkyl)$C(=NOR_{59})C_1$-C_6alkyl-, N(C_1-C_6alkyl)aminosulfonyl and N,N-di(C_1-C_6alkyl)aminosulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_4-C_9 halocycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_3-C_7 alkenyloxycarbonyl, C_3-C_7 alkynyloxycarbonyl, C_4-C_9 cycloalkoxycarbonyl, C_2-C_7 alkylthiocarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, $=C(R^{36'})_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and =N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is —N=$C(R_8)(R_9)$; or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7-alkylcarbonyl, C_2-C_7-alkoxycarbonyl, C_4-C_7-alkenyloxycarbonyl, C_4-C_7-alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —$C(=O)NH_2$, —$C(=O)NH(CH_3)$, —$C(=O)N(CH_3)_2$ and —$C(=S)NH_2$;

R_6 is selected from hydrogen and SH;

R_7 is hydrogen, halogen or C_1-C_4 alkyl;

R_8 and R_9, independently from each other, are hydrogen, halogen, cyano, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, carboxy, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl, or C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or R_8 and R_9 together from a C_2-C_8 alkylene bridge which may optionally be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl and C_1-C_6 haloalkyl; or R_8 and R_9, independently from each other, are the groups A-, A-O— or A-(C_1-C_6alkyl)-;

R_{10} is H, C_1-C_4 alkyl, C_2-C_4 alkenyl or C_1-C_4 haloalkyl;

R_{13} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl and benzyl, or is phenyl and benzyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy;

R_{14} and R_{15}, independently of each other, are C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl independently of each other, substituted by substituents selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

R_{51}, R_{52}, R_{63}, independently of each other, are halogen, cyano, C_1-C_6 alkyl, C_2-C_6alkenyl, C_3-C_8 cycloalkyl, C_5-C_8 cycloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, benzyl or phenyl;

R_{54}, R_{55}, R_{66}, independently of each other, are C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_8 cycloalkyl, C_3-C_6 alkynyl, benzyl or phenyl;

R_{57} and R_{68}, independently of each other, are hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl or benzyl, where phenyl or benzyl for their part may be mono- to polysubstituted on the phenyl ring by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy, or R_{57} and R_{58} together with their interconnecting nitrogen atom are aziridino, azetidino, pyrazolino, pyrazolidino, pyrrolino, pyrrolidino, imidazolino, imidazolidino, triazolino, tetrazolino, piperazino, piperidino, morpholino, thiomorpholino, each of which, in turn, may be mono- or polysubstituted by substituents selected from the group consisting of methyl, halogen, cyano;

R_{59} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, benzyl and phenyl, and benzyl and phenyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy;

R_{60} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

R_{62} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_3-C_6 alkenyl, C_3-C_6 alky-

nyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

and agronomically acceptable salts/metallic complexes/metalloidic complexes/isomers/structural isomers/stereoisomers/diastereoisomers/enantiomers/tautomers/N-oxides of those compounds;

and

component B) is a strobilurin fungicide, a sterol biosynthesis inhibitor fungicide, a triazole fungicide, or a pro-triazole fungicide, or a DMI fungicide, or a SDHI fungicide, or a compound selected from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Mandipropamid, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Mefenoxam, Orocymedone, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, SulcotrioneAcephat, Glyphosate, Glufosinate, Mesotrione, Bicyclopyrone, Tembotrione, Sulcotrione, Auxins, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese, Cyflufenamid, Tebufloquin and Copper.

A further aspect of present invention provides a composition comprising a combination of components A) and B) in a synergistically effective ratio between the component A) and component B).

A further aspect of the present invention provides a method of controlling phytopathogenic diseases on useful plants or on propagation material thereof, which comprises applying to the useful plants, the locus thereof or propagation material thereof a combination of components A) and B) in as synergistically effective amount and ratio between the component A) and component B).

A further aspect of the present invention relates to novel compounds according to formula (I).

A further aspect of the present invention relates to novel intermediates to provide compounds according to formula (I).

Preferably, component B is a strobilurin fungicide, a sterol biosynthesis inhibitor fungicide, a triazole fungicide, a pro-triazole fungicide, a DMI fungicide, a SDHI fungicide, or is a compound selected from Chlorothalonil, Fludioxonil, Cyprodinil, Mandipropamid, Mefenoxam, Orocymedone, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, SulcotrioneAcephat, Glyphosate, Glufosinate, Mesotrione, Bicyclopyrone, Tembotrione, Sulcotrione, Auxins, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese and Copper.

Preferably, component B is a strobilurin fungicide, a sterol biosynthesis inhibitor fungicide, a triazole fungicide, a pro-triazole fungicide, a DMI fungicide, a SDHI fungicide, or is a compound selected from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Mandipropamid, Mefenoxam, Orocymedone, Fluazinam, Carbendazim, Thiamethoxam, Glyphosate, 2,4-D, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol and cis-Jasmone.

In one group of mixtures, component B is a strobilurin fungicide.

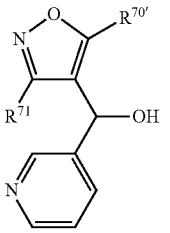
In another group of mixtures, component B is a Sterol biosynthesis inhibitor

In another group of mixtures, component B is a triazole fungicide or a protriazole compound.

In another group of mixtures, component B is a DMI fungicide.

In another group of mixtures, component B is a SDHI fungicide.

In another group of mixtures, component B is a compound of formula (III)



(III)

wherein $R^{70'}$ is phenyl, which is unsubstituted or substituted with 1, 2 or 3 substituents selected from halogen, haloalkyl, haloalkoxy and cyano, and;

$R^{71'}$ is phenyl, which is unsubstituted or substituted with 1, 2 or 3 substituents selected from halogen, haloalkyl, haloalkoxy and cyano.

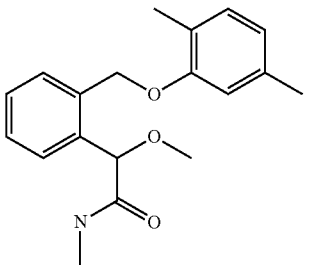
Preferred compounds of formula (III) are (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol and 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol.

In another group of mixtures, component B is selected from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Mandipropamid, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Mefenoxam, Orocymedone, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, SulcotrioneAcephat, Glyphosate, Glufosinate, Mesotrione, Bicyclopyrone, Tembotrione, Sulcotrione, Auxins (e.g. 2,4-D and MCPA), Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese and Copper, preferably from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Fenpropidin, Mandipropamid, Mefenoxam, Orocymedone, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, SulcotrioneAcephat, Glyphosate, Glufosinate, Mesotrione, Bicyclopyrone, Tembotrione, Sulcotrione, Auxins, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese and Copper, more preferably from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Fenpropidin, Mandipropamid, Mefenoxam, Orocymedone, Fluazinam, Carbendazim, Thiamethoxam, Glyphosate, 2,4-D, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol and cis-Jasmone.

In a preferred embodiment the component B) is a compound selected from Chlorothalonil, Fludioxonil, Cyprodinil, Fenpropidin, Mandipropamid, Fenpropimorph, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Mefenoxam, Orocymedone, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, Acephat, Glyphosate, Glufosinate, Mesotrione, Bicyclopyrone, Tembotrione, Sulcotrione, 2,4-D, MCPA, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese, Copper, Coumoxystrobin, Dicloaminostrobin, Flufenoxystrobin, Pyrametostrobin, Pyraoxystrobin, Trifloxystrobin, Azoxystrobin, Pyraclostrobin, Picoxystrobin, Jiaxiangjunzhi, Enoxastrobin, Triclopyricarb, the compound of formula II, Cyproconazole, Difenoconazole, Metconazole, Propiconazole, Epoxiconazole, Tebuconazole, Flutriafol, Ipconazole, prothioconazole, (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol, 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol, Pyrisoxazole, 3-(Difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-pyrazole-4-carboxamide, N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide, Isopyrazam, Sedaxane, Boscalid, Fluxapyroxad, Penthiopyrad, Penflufen, Bixafen and Fluopyram.

The term strobilurin fungicide is well known to the person skilled in the art, and includes, for example, Coumoxystrobin, Dicloaminostrobin, Flufenoxystrobin, Pyrametostrobin, Pyraoxystrobin, Trifloxystrobin, Azoxystrobin, Pyraclostrobin, Picoxystrobin, Jiaxiangjunzhi, Enoxastrobin, Triclopyricarb, Fluoxastrobin, Dimoxystrobin, Fenaminostrobin and the compound of formula (II). Preferred strobilurin fungicides are Azoxystrobin, Pyraclostrobin and Picoxystrobin. Even more preferred strobilurin fungicides are Azoxystrobin and Pyraclostrobin.

(II)



The term sterol biosynthesis inhibitor fungicide is well known to the person skilled in the art, and includes, for example, Spiroxamine, Fenpropimorph, Tridemorph, Fenpropidin, Fenhexamid, Terbinafine, Naftifine

The term triazole fungicide is well known to the person skilled in the art, and includes, for example, Cyproconazole, Difenoconazole, Metconazole, Propiconazole, Epoxiconazole, Tebuconazole, Flutriafol, Ipconazole and 1-(2-chlorophenyl)-2-(1-chlorocycloprop-1-yl)-3-(1,2,4-triazol-1-yl) propan-2-ol [CAS number 120983-64-4]. Preferred triazole fungicide compounds are Cyproconazole, Difenoconazole, Metconazole and Tebuconazole. Even more preferred is Cyproconazole.

The term pro-triazole fungicide is well known to the person skilled in the art and includes, for example, prothioconazole.

The term DMI fungicides is well known to the person skilled in the art and includes, for example, (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol, 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)isoxazol-4-yl]-pyridin-3-yl-methanol and Pyrisoxazole. Preferred DMI fungicides are (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol and 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol.

The term SDHI fungicide is well known to the person skilled in the art and includes, for example, N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide, Isopyrazam, Sedaxane, Boscalid Fluxapyroxad, Penthiopyrad, Penflufen, Bixafen, Fluopyram, 3-(Difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl) ethyl]-1H-pyrazole-4-carboxamide, Preferred SDHI fungicides are N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide, Isopyrazam, 3-(Difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-pyrazole-4-carboxamide and Fluxapyroxad.

The term Auxins is well known to the person skilled in the art and includes, for example, 2,4-D, MCPA and Dicamba

In a further preferred embodiment the component B is Chlorothalonil. In a further preferred embodiment the component B is Fludioxonil. In a further preferred embodiment the component B is Cyprodinil. In a further preferred embodiment the component B is Fenpropidin. In a further preferred embodiment the component B is Mandipropamid. In a further preferred embodiment the component B is Fluazinam. In a further preferred embodiment the component B is Procymedone. In a further preferred embodiment the component B is Carbendazim. In a further preferred embodiment the component B is Abamectin. In a further preferred embodiment the component B is Clothianidin. In a further preferred embodiment the component B is Emamectin benzoate. In a further preferred embodiment the component B is Imidacloprid. In a further preferred embodiment the component B is Tefluthrin. In a further preferred embodiment the component B is Mefenoxam. In a further preferred embodiment the component B is Orocymedone. In a further preferred embodiment the component B is Thiamethoxam. In a further preferred embodiment the component B is Lambda-cyhalothrin. In a further preferred embodiment the component B is Gamma-cyhalothrin. In a further preferred embodiment the component B is Profenofos. In a further preferred embodiment the component B is Lufenuron. In a further preferred embodiment the component B is Diflubenzuron. In a further preferred embodiment the component B is Cypermethrin. In a further preferred embodiment the component B is Novaluron. In a further preferred embodiment the component B is Bifenthrin. In a further preferred embodiment the component B is Methomyl. In a further preferred embodiment the component B is Chlopyrifos. In a further preferred embodiment the component B is Methamidophos. In a further preferred embodiment the component B is Endosulfan. In a further preferred embodiment the component B is Betacyfluthrin. In a further preferred embodiment the component B is Triflumuron. In a further preferred embodiment the component B is Teflubenzuron. In a further preferred embodiment the component B is Acephat. In a further preferred embodiment the component B is Glyphosate. In a further preferred embodi-

ment the component B is Glufosinate. In a further preferred embodiment the component B is Mesotrione. In a further preferred embodiment the component B is Bicyclopyrone. In a further preferred embodiment the component B is Tembotrione. In a further preferred embodiment the component B is Sulcotrione. In a further preferred embodiment the component B is 2,4-D. In a further preferred embodiment the component B is MCPA. In a further preferred embodiment the component B is Trinexapac-ethyl. In a further preferred embodiment the component B is Prohexadione-Ca. In a further preferred embodiment the component B is Paclobutrazol. In a further preferred embodiment the component B is Acibenzolar-5-methyl. In a further preferred embodiment the component B is Methyl-Jasmonate. In a further preferred embodiment the component B is Cis-Jasmone. In a further preferred embodiment the component B is Manganese. In a further preferred embodiment the component B is Copper. In a further preferred embodiment the component B is Cyflufenamid. In a further preferred embodiment the component B is Tebufloquin. In a further preferred embodiment the component B is Coumoxystrobin. In a further preferred embodiment the component B is Dicloaminostrobin. In a further preferred embodiment the component B is Flufenoxystrobin. In a further preferred embodiment the component B is Pyrametostrobin. In a further preferred embodiment the component B is Pyraoxystrobin. In a further preferred embodiment the component B is Trifloxystrobin. In a further preferred embodiment the component B is Azoxystrobin. In a further preferred embodiment the component B is Pyraclostrobin. In a further preferred embodiment the component B is Picoxystrobin. In a further preferred embodiment the component B is Jiaxiangjunzhi. In a further preferred embodiment the component B is Enoxastrobin. In a further preferred embodiment the component B is Triclopyricarb. In a further preferred embodiment the component B is Fluoxastrobin. In a further preferred embodiment the component B is Dimoxystrobin. In a further preferred embodiment the component B is Fenaminostrobin In a further preferred embodiment the component B is the compound of formula II. In a further preferred embodiment the component B is Cyproconazole. In a further preferred embodiment the component B is Difenoconazole. In a further preferred embodiment the component B is Metconazole. In a further preferred embodiment the component B is Propiconazole. In a further preferred embodiment the component B is Epoxiconazole. In a further preferred embodiment the component B is Tebuconazole. In a further preferred embodiment the component B is Flutriafol. In a further preferred embodiment the component B is Ipconazole. In a further preferred embodiment the component B is 1-(2-chlorophenyl)-2-(1-chlorocycloprop-1-yl)-3-(1,2,4-triazol-1-yl) propan-2-ol [CAS number 120983-64-4]. In a further preferred embodiment the component B is prothioconazole. In a further preferred embodiment the component B is (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)isoxazol-4-yl]-pyridin-3-yl-methanol. In a further preferred embodiment the component B is 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol. In a further preferred embodiment the component B is Pyrisoxazole. In a further preferred embodiment the component B is 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-Pyrazole-4-carboxamide. In a further preferred embodiment the component B is N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide. In a further preferred embodiment the component B is Isopyrazam. In a further preferred embodiment the component B is Sedaxane. In a further preferred embodiment the component B is Boscalid, In a further preferred embodiment the component B is Fluxapyroxad. In a further preferred embodiment the component B is Penthiopyrad. In a further preferred embodiment the component B is Penflufen. In a further preferred embodiment the component B is Bixafen. In a further preferred embodiment the component B is Fluopyram. In a further preferred embodiment the component B is 1-(2-chlorophenyl)-2-(1-chlorocycloprop-1-yl)-3-(1,2,4-triazol-1-yl)propan-2-ol.

The active ingredient mixture according to the invention may bring about the additive enhancement of the spectrum of action with respect to the phytopathogen to be controlled that may in principle be expected but achieves a synergistic effect which extends the range of action of the component (A) and of the component (B) in two ways. Firstly, the rates of application of the component (A) and of the component (B) may be lowered whilst the action remains equally good. Secondly, the active ingredient mixture may still achieve a high degree of phytopathogen control even where the two individual components have become totally ineffective in such a low application rate range. This allows, on the one hand, a substantial broadening of the spectrum of phytopathogens that can be controlled and, on the other hand, increased safety in use.

However, besides the actual synergistic action with respect to fungicidal activity, the pesticidal compositions according to the invention may also have further surprising advantageous properties which can also be described, in a wider sense, as synergistic activity. Examples of such advantageous properties that may be mentioned are: a broadening of the spectrum of fungicidal activity to other phytopathogens, for example to resistant strains; a reduction in the rate of application of the active ingredients; synergistic activity against animal pests, such as insects or representatives of the order Acarina; a broadening of the spectrum of pesticidal activity to other animal pests, for example to resistant animal pests; adequate pest control with the aid of the compositions according to the invention, even at a rate of application at which the individual compounds are totally ineffective; advantageous behaviour during formulation and/or upon application, for example upon grinding, sieving, emulsifying, dissolving or dispensing; increased storage stability; improved stability to light; more advantageous degradability; improved toxicological and/or ecotoxicological behaviour; improved characteristics of the useful plants including: emergence, crop yields, more developed root system, tillering increase, increase in plant height, bigger leaf blade, less dead basal leaves, stronger tillers, greener leaf colour, less fertilizers needed, less seeds needed, more productive tillers, earlier flowering, early grain maturity, less plant verse (lodging), increased shoot growth, improved plant vigor, and early germination; or any other advantages familiar to a person skilled in the art.

Substituents at a nitrogen atom are always different from halogen. A hydroxy, mercapto or amino substituent is not to be placed on an α-carbon relative to a heteroatom of a core fragment.

The alkyl groups occurring in the definitions of the substituents can be straight-chain or branched and are, for example, methyl, ethyl, n-propyl, isopropyl, n-butyl, sec-butyl, iso-butyl, tert-butyl, pentyl, hexyl, heptyl and octyl and their branched isomers. Alkoxy, alkenyl and alkynyl radicals are derived from the alkyl radicals mentioned. The alkenyl and alkynyl groups can be mono- or polyunsaturated.

The cycloalkyl groups occurring in the definitions of the substituents are, for example, cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl.

Halogen is generally fluorine, chlorine, bromine or iodine, preferably fluorine, bromine or chlorine. This also applies, correspondingly, to halogen in combination with other meanings, such as haloalkyl or haloalkoxy.

Haloalkyl groups preferably have a chain length of from 1 to 6 carbon atoms. Haloalkyl is, for example, fluoromethyl, difluoromethyl, trifluoromethyl, chloromethyl, dichloromethyl, trichloromethyl, 2,2,2-trifluoroethyl, 2-fluoroethyl, 2-chloroethyl, pentafluoroethyl, 1,1-difluoro-2,2,2-trichloroethyl, 2,2,3,3-tetrafluoroethyl, 2,2,2-trichloroethyl, 5,5,5-trifluoropentan-1-yl, 5,5-difluoro-pentan-1-yl, 6,6,6-trifluorohexan-1-yl, 6,6-difluoro-hexan-1-yl, heptafluoro-prop-2-yl and 2-fluoro-prop-2-yl; preferably trichloromethyl, difluorochloromethyl, difluoromethyl, trifluoromethyl and dichlorofluoromethyl.

Suitable haloalkenyl groups are alkenyl groups which are mono- di- or trisubstituted by halogen, halogen being fluorine, chlorine, bromine and iodine and in particular fluorine and chlorine, for example 2,2-difluoro-1-methylvinyl, 3-fluoropropenyl, 3-chloropropenyl, 3-bromopropenyl, 2,3,3-trifluoropropenyl, 2,3,3-trichloropropenyl and 4,4,4-trifluorobut-2-en-1-yl.

Suitable haloalkynyl groups are, for example, alkynyl groups which are mono- or polysubstituted by halogen, halogen being bromine, iodine and in particular fluorine and chlorine, for example 3-fluoropropynyl, 3-chloropropynyl, 3-bromopropynyl, 3,3,3-trifluoropropynyl and 4,4,4-trifluorobut-2-yn-1-yl.

Alkoxy is, for example, methoxy, ethoxy, propoxy, i-propoxy, n-butoxy, isobutoxy, sec-butoxy and tert-butoxy; preferably methoxy and ethoxy. Halogenalkoxy is, for example, fluoromethoxy, difluoromethoxy, trifluoromethoxy, 2,2,2-trifluoroethoxy, 1,1,2,2-tetrafluoroethoxy, 2-fluoroethoxy, 2-chloroethoxy, 2,2-difluoroethoxy and 2,2,2-trichloroethoxy; preferably difluoromethoxy, 2-chloroethoxy and trifluoromethoxy.

Alkoxycarbonyl is, for example, methoxycarbonyl, ethoxycarbonyl, propoxycarbonyl, isopropoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, sec-butoxycarbonyl or tert-butoxycarbonyl; preferably methoxycarbonyl or ethoxycarbonyl. Haloalkoxy groups preferably have a chain length of from 1 to 6 carbon atoms. Haloalkoxy is, for example, fluoromethoxy, difluoromethoxy, trifluoromethoxy, 2,2,2-trifluoroethoxy, 1,1,2,2-tetrafluoroethoxy, 2-fluoroethoxy, 2-chloroethoxy, 2,2-difluoroethoxy and 2,2,2-trichloroethoxy; preferably difluoromethoxy, 2-chloroethoxy and trifluoromethoxy. Alkylthio groups preferably have a chain length of from 1 to 6 carbon atoms.

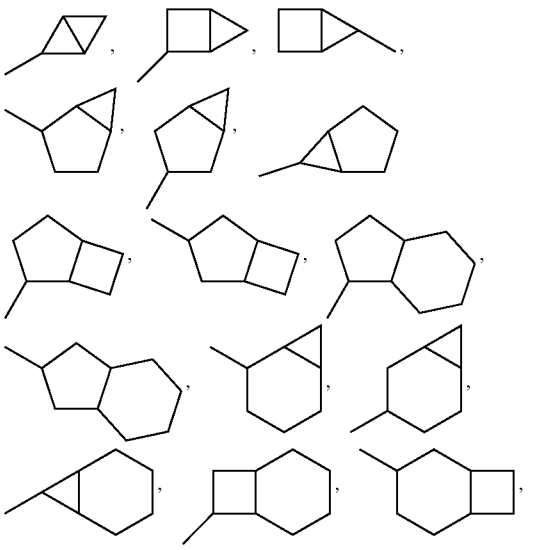
Alkoxyalkyl is, for example, methoxymethyl, methoxyethyl, ethoxymethyl, ethoxyethyl, n-propoxymethyl, n-propoxyethyl, isopropoxymethyl or isopropoxyethyl.

Alkylthio is, for example, methylthio, ethylthio, propylthio, isopropylthio, n-butylthio, isobutylthio, sec-butylthio or tert-butylthio, preferably methylthio and ethylthio. Alkylsulfinyl is, for example, methylsulfinyl, ethylsulfinyl, propylsulfinyl, isopropylsulfinyl, n-butylsulfinyl, isobutylsulfinyl, sec-butylsulfinyl, tert-butylsulfinyl; preferably methylsulfinyl and ethylsulfinyl. Alkylsulfonyl is, for example, methylsulfonyl, ethylsulfonyl, propylsulfonyl, isopropylsulfonyl, n-butylsulfonyl, isobutylsulfonyl, sec-butylsulfonyl or tert-butylsulfonyl; preferably methylsulfonyl or ethylsulfonyl.

C_2-C_6 alkylcarbonyl is, for example, methylcarbonyl, ethylcarbonyl, propylcarbonyl, isopropylcarbonyl, n-butylcarbonyl, isobutylcarbonyl, sec-butylcarbonyl, tert-butylcarbonyl or n-pentylcarbonyl and their branched isomers, preferably methylcarbonyl and ethylcarbonyl. Haloalkylcarbonyl radicals are derived from the alkyl radicals mentioned.

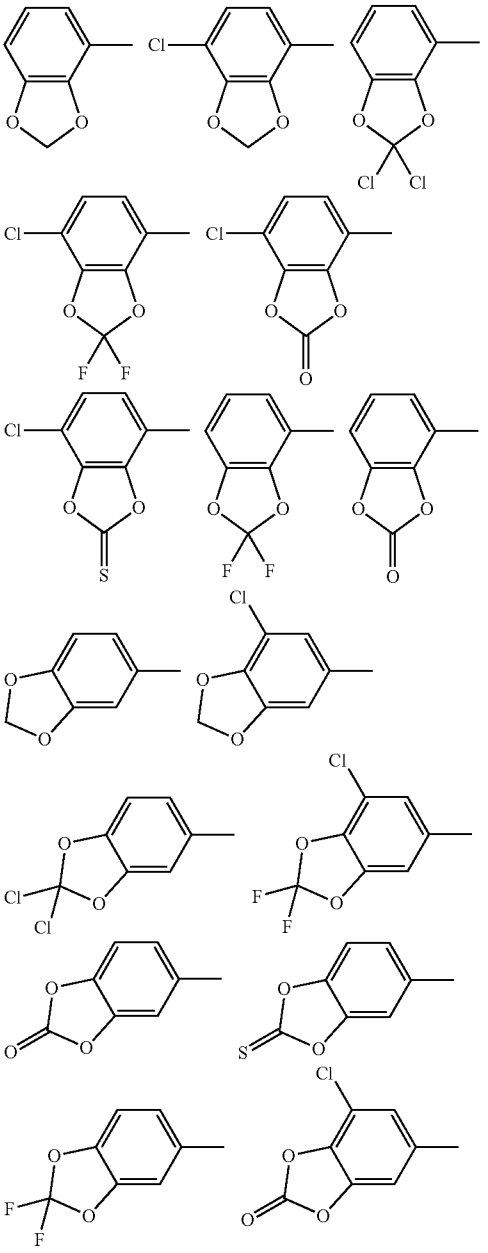
In the context of the present invention "mono- to polysubstituted" in the definition of the substituents, means typically, depending on the chemical structure of the substituents, monosubstituted to seven-times substituted, preferably monosubstituted to five-times substituted, more preferably mono-, double- or triple-substituted.

According to the present invention, a three- to ten-membered monocyclic or fused bicyclic ring system which may be aromatic, partially saturated or fully saturated is, depending of the number of ring members, for example, selected from the group consisting of



cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, where said cycloalkylgroups for their part may be preferably unsubstituted or substituted by C_1-C_6alkyl or halogen, or is phenyl, benzyl, naphthyl or the following heterocyclic groups: pyrrolyl; pyridyl; pyrazolyl; pyrimidyl; pyrazinyl; imidazolyl; thiadiazolyl; quinazolinyl; furyl; oxadiazolyl; indolizinyl; pyranyl; isobenzofuranyl; thienyl; naphthyridinyl; (1-methyl-1H-pyrazol-3-yl)-; (1-ethyl-1H-pyrazol-3-yl)-; (1-propyl-1H-pyrazol-3-yl)-; (1H-pyrazol-3-yl)-; (1,5-dimethyl-1H-pyrazol-3-yl)-; (4-chloro-1-methyl-1H-pyrazol-3-yl)-; (1H-pyrazol-1-yl)-; (3-methyl-1H-pyrazol-1-yl)-; (3,5-dimethyl-1H-pyrazol-1-yl)-; (3-isoxazolyl)-; (5-methyl-3-isoxazolyl)-; (3-methyl-5-isoxazolyl)-; (5-isoxazolyl)-; (1H-pyrrol-2-yl)-; (1-methyl-1H-pyrrol-2-yl)-; (1H-pyrrol-1-yl)-; (1-methyl-1H-pyrrol-3-yl)-; (2-furanyl)-; (5-methyl-2-furanyl)-; (3-furanyl)-; (5-methyl-2-thienyl)-; (2-thienyl)-; (3-thienyl)-; (1-methyl-1H-imidazol-2-yl)-; (1H-imidazol-2-yl)-; (1-methyl-1H-imidazol-4-yl)-; (1-methyl-1H-imidazol-5-yl)-; (4-methyl-2-oxazolyl)-; (5-methyl-2-oxazolyl)-; (2-oxazolyl)-; (2-methyl-5-oxazolyl)-; (2-methyl-4-oxazolyl)-; (4-methyl-2-thiazolyl)-; (5-methyl-2-thiazolyl)-; (2-thiazolyl)-; (2-methyl-5-thiazolyl)-; (2-methyl-4-thiazolyl)-; (3-methyl-4-isothiazolyl)-; (3-methyl-5-isothiazolyl)-; (5-methyl-3-isothiazolyl)-; (1-methyl-1H-1,2,3-triazol-4-yl)-; (2-methyl-2H-1,2,3-triazol-4-yl)-; (4-methyl-2H-1,2,3-triazol-2-yl)-; (1-methyl-1H-1,2,4-triazol-3-yl)-; (1,5-dimethyl-1H-1,2,4-triazol-3-yl)-; (3-methyl-1H-1,2,4-triazol-1-yl)-; (5-methyl-1H-1,2,4-triazol-1-yl)-; (4,5-dimethyl-4H-1,2,4-triazol-3-yl)-; (4-methyl-4H-1,2,4-triazol-3-yl)-; (4H-1,2,4-triazol-4-yl)-; (5-methyl-1,2,3-oxadiazol-4-yl)-; (1,2,3-oxadiazol-4-yl)-; (3-methyl-1,2,4-oxadiazol-5-yl)-; (5-methyl-1,2,4-oxadiazol-3-yl)-; (4-methyl-3-furazanyl)-; (3-furazanyl)-; (5-methyl-1,2,4-

oxadiazol-2-yl)-; (5-methyl-1,2,3-thiadiazol-4-yl)-; (1,2,3-thiadiazol-4-yl)-; (3-methyl-1,2,4-thiadiazol-5-yl)-; (5-methyl-1,2,4-thiadiazol-3-yl)-; (4-methyl-1,2,5-thiadiazol-3-yl)-; (5-methyl-1,3,4-thiadiazol-2-yl)-; (1-methyl-1H-tetrazol-5-yl)-; (1H-tetrazol-5-yl)-; (5-methyl-1H-tetrazol-1-yl)-; (2-methyl-2H-tetrazol-5-yl)-; (2-ethyl-2H-tetrazol-5-yl)-; (5-methyl-2H-tetrazol-2-yl)-; (2H-tetrazol-2-yl)-; (2-pyridyl)-; (6-methyl-2-pyridyl)-; (4-pyridyl)-; (3-pyridyl)-; (6-methyl-3-pyridazinyl)-; (5-methyl-3-pyridazinyl)-; (3-pyridazinyl)-; (4,6-dimethyl-2-pyrimidinyl)-; (4-methyl-2-pyrimidinyl)-; (2-pyrimidinyl)-; (2-methyl-4-pyrimidinyl)-; (2-chloro-4-pyrimidinyl)-; (2,6-dimethyl-4-pyrimidinyl)-; (4-pyrimidinyl)-; (2-methyl-5-pyrimidinyl)-; (6-methyl-2-pyrazinyl)-; (2-pyrazinyl)-; (4,6-dimethyl-1,3,5-triazin-2-yl)-; (4,6-dichloro-1,3,5-triazin-2-yl)-; (1,3,5-triazin-2-yl)-; (4-methyl-1,3,5-triazin-2-yl)-; (3-methyl-1,2,4-triazin-5-yl)-; (3-methyl-1,2,4-triazin-6-yl)-;



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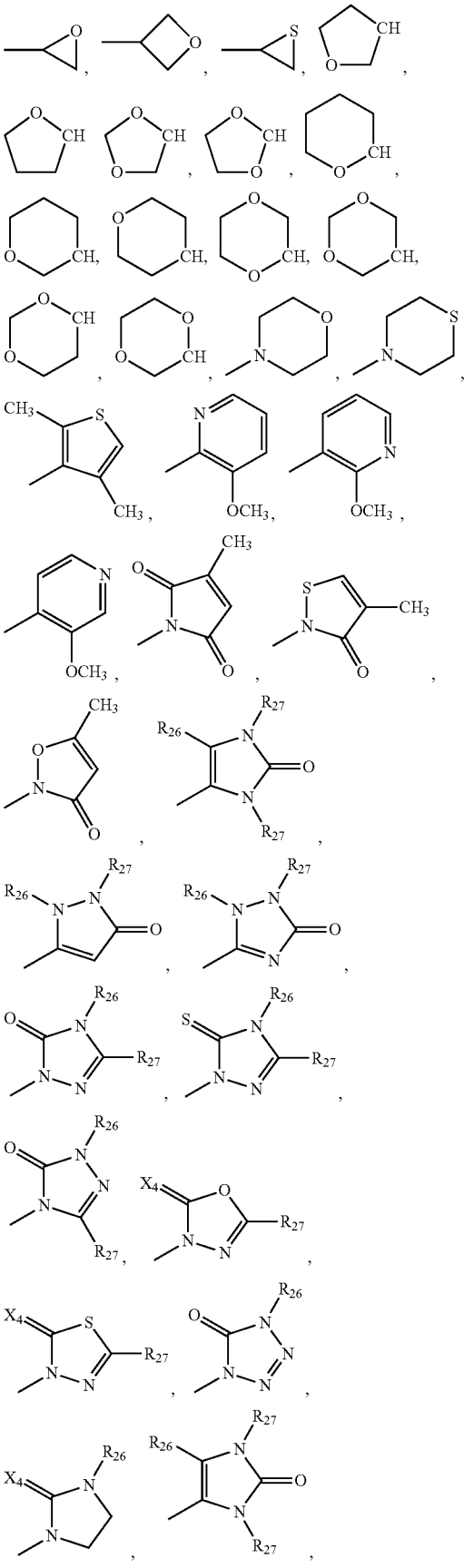

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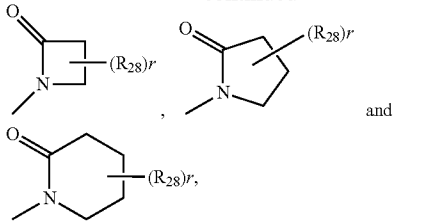
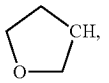


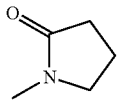
and

wherein each R_{26} is methyl, each R_{27} and each R_{28} are independently hydrogen, C_1-C_3alkyl, C_1-C_3alkoxy, C_1-C_3alkylthio or trifluoromethyl, X_4 is oxygen or sulfur and r=1, 2, 3 or 4.

There no free valency is indicated in those definitions, for example as in



the linkage site is located at the carbon atom labelled "CH" or in a case such as, for example,



at the bonding site indicated at the bottom left.

The following substituents definitions, including preferred definitions, may be combined in any combination:

R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl, C_3-C_4 alkynyl, (R_{10})carbonyl and (R_{10})oxycarbonyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a 5- or 6 membered cyclic group which may be saturated or unsaturated and may contain a further heteroatom selected from S or O.

Preferably, R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl and C_3-C_4 alkynyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine.

More preferably, R_1 and R_2 are each independently selected from hydrogen or C_1-C_4 alkyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine.

Even more preferably, R_1 and R_2 are each independently selected from hydrogen or C_1-C_4 alkyl.

More preferably again, R_1 and R_2 are each C_1-C_4 alkyl.

More favourably again, R_1 and R_2 are each independently selected from methyl, ethyl and isopropyl.

Yet more favourably, R_1 is methyl and R_2 is selected from methyl, ethyl and isopropyl.

Yet more favourably still, R_1 is methyl and R_2 is selected from ethyl and isopropyl.

Most preferably, R_1 is methyl and R_2 is ethyl.

R_3 represents hydrogen, halogen, cyano, nitro, mercapto, hydroxy, —C(=S)NH_2, —SF_5, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, a 5-membered heterocycle containing 1-4 nitrogen atoms, piperidino, morpholino, thiomorpholino, formyl, hydroxycarbonyl, C_2-C_7alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 haloalkenyloxycarbonyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl, C_1-C_6 hydroxyalkyl, phenyl or benzyl wherein the phenyl and benzyl are optionally substituted by one or more groups independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl.

Preferably, R_3 represents hydrogen, halogen, cyano, mercapto, hydroxy, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 haloalkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, tetrazolino, formyl, C_2-C_5 alkylcarbonyl, C_2-C_5 haloalkylcarbonyl, C_1-C_6alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl or C_1-C_6 hydroxyalkyl.

More preferably, R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, formyl, phenyl, C_2-C_4 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl or C_1-C_6 hydroxyalkyl.

Even more preferably, R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, formyl, C_2-C_4alkylcarbonyl, C_1-C_4alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, C_1-C_4 haloalkylthio, C_1-C_4 haloalkylsulfinyl or C_1-C_4 haloalkylsulfonyl or C_1-C_6 hydroxyalkyl.

More preferably again, R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl or C_1-C_4 alkylsulfonyl.

Favourably, R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl or C_1-C_4 alkylsulfonyl.

Even more favourably, R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy or C_3-C_6 cycloalkyl.

More favourably again, R_3 represents hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, cyclopropyl, ethynyl or C_1-C_4 alkoxy.

Yet more favourably, R_3 is selected from hydrogen, bromine, iodine, methyl, CHF_2, cyclopropyl, ethynyl and methoxy.

Yet more favourably still, R_3 represents hydrogen, bromine, iodine, methyl, difluoromethyl or methoxy.

Most preferably, R_3 represents bromine or methyl.

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino or dimethylamino.

Preferably, R_4 is selected from hydrogen, fluorine, chlorine, bromine, C_1-C_4 alkyl, C_1-C_4 alkenyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_3-C_6 cycloalkyl.

More preferably, R_4 is selected from fluorine, chlorine, bromine, C_1-C_4 alkyl, C_1-C_4 alkenyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_3-C_6 cycloalkyl.

Even more preferably, R_4 is selected from fluorine, chlorine, methyl, ethyl, ethenyl, propyl, propenyl, isopropyl, iso-

propenyl, cyclopropanyl, methoxy, ethoxy, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoromethyl.

More preferably again, R_4 is selected from methyl, ethyl, methoxy, fluorine and chlorine.

More favourably again, R_4 is selected from methyl, methoxy, fluorine and chlorine.

Most preferably, R_4 is methyl.

In another group of compounds, R_4 is selected from methoxy, fluorine and chlorine.

R_5 is hydrogen, C_1-C_{12}alkyl, C_3-C_{12}alkenyl, C_3-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl, or is C_1-C_{12}alkyl, C_2-C_{12}alkenyl, C_2-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7alkylcarbonyl, C_2-C_7haloalkylcarbonyl, C_1-C_6alkyl, C_1-C_6haloalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkylthio, C_1-C_6alkylsulfinyl and C_1-C_6alkylsulfonyl; or

R_5 is formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12}alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl, or is C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12} alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

R_5 is $(R_{51})(R_{52})(R_{53})Si$—, $(R_{51})(R_{52})(R_{53})Si$—($C_1$-$C_{12}$alkyl)-, $(R_{51})(R_{52})(R_{53})Si$—($C_3$-$C_8$cycloalkyl)-, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—($C_1$-$C_{12}$alkyl)- or $(R_{54}O)(R_{55}O)(R_{56}O)Si$—($C_3$-$C_8$cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(=O)—, —C(=S)—, —C(=NOR$_{59}$)—, —C(R_{60})=NO—, —ON=C(R_{60})—, —O—C(=O)—, —C(=O)—O—, —O—, —S—, —S(=O)—, —S(=O)$_2$—, —S(=O)(=NR$_{13}$)—, —S(=O)(R_{14})=N—, —N=S(=O)(R_{14})—, —N(R_{62})—C=O)—, —C=O)—N(R_{62})—, —N(R_{62})—SO_2— or —SO_2—N(R_{62})—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to poly-substituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- or A-O—(C_3-C_8cycloalkyl)-; or

wherein A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, nitro, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A2) by substituents independently selected form the group consisting of $(R_{14})S(=O)(=NR_{13})$—, $(R_{14})(R_{15})S(=O)=N$—; —$Si(R_{51})(R_{52})(R_{53})$, —$NR_{57}R_{58}$, —C(=O)$NR_{57}R_{58}$, C(=S)$NR_{57}R_{58}$, HC(=NOR$_{59}$)—, ($C_1$-$C_6$alkyl)C(=NOR$_{59}$)—, ($C_1$-$C_6$haloalkyl)C(=NOR$_{59}$)—, ($C_1$-$C_6$alkyl)C(=NOR$_{59}$)$C_1$-$C_6$alkyl-, ($C_1$-$C_6$haloalkyl)C(=NOR$_{59}$)$C_1$-$C_6$alkyl-, N($C_1$-$C_6$alkyl)aminosulfonyl and N,N-di(C_1-C_6alkyl)aminosulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_4-C_9 halocycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_3-C_7 alkenyloxycarbonyl, C_3-C_7 alkynyloxycarbonyl, C_4-C_9 cycloalkoxycarbonyl, C_2-C_7 alkylthiocarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, $=C(R^{36'})_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and

=N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is —N=C(R_8)(R_9); or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O, S or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7-alkylcarbonyl, C_2-C_7-alkoxycarbonyl, C_4-C_7-alkenyloxycarbonyl, C_4-C_7-alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2.

Preferably, R_5 represents hydrogen, C_1-C_{12} alkylsulfonyl, C_1-C_{12} alkyl, C_3-C_{12} alkenyl, C_3-C_{12} alkynyl, or is C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is (R_{51})(R_{52})(R_{53})Si—, (R_{61})(R_{62})(R_{63})Si—(C_1-C_{12}alkyl)-, (R_{51})(R_{52})(R_{53})Si—(C_3-C_8cycloalkyl)-, (R_{54}O)(R_{55}O)(R_{56}O)Si—, (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_1-C_{12}alkyl)- or (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_3-C_8cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_2alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(=O)—, —C(=S)—, —C(=NOR_{59})—, —C(R_{60})=NO—, —ON=C(R_{60})—, —O—C(=O)—, —C(=O)—O—, —O—, —S—, —S(=O)—, —S(=O)$_2$—, —S(=O)(=NR_{13})—, —S(=O)(R_{14})=N—, —N=S(=O)(R_{14})—, —N(R_{62})—C=O)—, —C=O)—N(R_{62})—, —N(R_{62})—SO_2— or —SO_2—N(R_{62})—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is selected from A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- and A-O—(C_3-C_8cycloalkyl)-;

wherein A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, nitro, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, C_3-C_8 halocycloalkyloxy, C_3-C_8 cycloalkenyloxy, C_3-C_8 halocycloalkenyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_4-C_9 cycloalkoxycarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, =C($R^{36'}$)$_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and =N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O, S or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7alkylcarbonyl,

C_2-C_7alkoxycarbonyl, C_4-C_7-alkenyloxycarbonyl, C_4-C_7alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2.

More preferably, R_5 is selected from G^1, G^2, G^3-G^4, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{12}, G^{13}, G^{14}, G^{15} and G^{16}.

More preferably again, R_5 is selected from G^1, G^2, G^5, G^6-G^8, G^9, G^{10}-G^{11}, G^{12}, G^{14}, G^{15} and G^{16}.

More favourably again, R_5 is selected from G^2, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{14}, G^{16}.

Most preferably, R_5 is selected from G^2, G^5, G^8 and G^{10}-G^{11}.

R_6 is selected from hydrogen and SH.

Most preferably, R_6 is hydrogen.

In one group of compounds, R_6 is SH.

R_7 is hydrogen, halogen or C_1-C_4 alkyl.

Preferably, R_7 is hydrogen or C_1-C_4 alkyl.

Most preferably, R_7 is hydrogen.

R_8 and R_9, independently from each other, are hydrogen, halogen, cyano, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, carboxy, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl, or C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or R_8 and R_9 together from a C_2-C_8 alkylene bridge which may optionally be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl and C_1-C_6 haloalkyl; or R_8 and R_9, independently from each other, are the groups A-, A-O— or A-(C_1-C_6alkyl)-.

R_{10} is H, C_1-C_4 alkyl, C_2-C_4 alkenyl or C_1-C_4 haloalkyl.

R_{13} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl and benzyl, or is phenyl and benzyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy.

R_{14} and R_{15}, independently of each other, are C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl independently of each other, substituted by substituents selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy.

R_{51}, R_{52}, R_{53}, independently of each other, are halogen, cyano, C_1-C_6 alkyl, C_2-C_6alkenyl, C_3-C_8 cycloalkyl, C_5-C_8 cycloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, benzyl or phenyl.

R_{54}, R_{55}, R_{56}, independently of each other, are C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_8 cycloalkyl, C_3-C_6 alkynyl, benzyl or phenyl.

R_{57} and R_{58}, independently of each other, are hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl or benzyl, where phenyl or benzyl for their part may be mono- to polysubstituted on the phenyl ring by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy, or R_{57} and R_{58} together with their interconnecting nitrogen atom are aziridino, azetidino, pyrazolino, pyrazolidino, pyrrolino, pyrrolidino, imidazolino, imidazolidino, triazolino, tetrazolino, piperazino, piperidino, morpholino, thiomorpholino, each of which, in turn, may be mono- or polysubstituted by substituents selected from the group consisting of methyl, halogen, cyano.

R_{59} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, benzyl and phenyl, and benzyl and phenyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy.

R_{60} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

R_{62} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_3-C_6 alkenyl, C_3-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy.

G^1 is a C_8-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl and cyano.

More preferably, G^1 is a C_9-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl and cyano.

More preferably again, G^1 is a C_9-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl.

More favourably, G^1 is a saturated C_9-C_{10} fused bicyclic ring system which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluoro, methoxy and C_1-C_4 fluoroalkyl.

More favourably again, G^1 is a saturated C_{10} fused bicyclic ring system which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl.

Most preferably, G^1 is a saturated C_{10} fused bicyclic ring system.

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

More preferably again, G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio.

Favourably, G^2 is C_5-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_2-C_6 haloalkyl and C_1-C_6 alkoxy.

More favourably, G^2 is a C_5-C_6 cycloalkenyl group optionally substituted by one or more groups independently selected from fluorine, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl.

More favourably again, G^2 is a C_5-C_6 cycloalkenyl group optionally substituted by one or more fluorine atoms.

Most preferably, G^2 is a C_5-C_6 cycloalkenyl group.

In one group of compounds, G^2 is a C_5-C_6 cycloalkenyl group optionally substituted one or more groups selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_2-C_6 haloalkyl and C_1-C_6 alkoxy.

Preferably in this group of compounds, G^2 is a C_5-C_6 cycloalkenyl group optionally substituted one or more groups selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl.

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen.

More preferably again, G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 fluoroalkyl, C_1-C_4 alkoxy and halogen.

More favourably again, G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, CHF_2, CF_3, C_1-C_4 alkoxy and halogen.

Yet more favourably, G^3 is phenyl, which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, CHF_2, CF_3, C_1-C_4 alkoxy and halogen.

Most preferably, G^3 is phenyl.

G^4 is C_3-C_{12} cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen.

More preferably again, G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen.

More favourably again, G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy and halogen.

Yet more favourably, G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, C_1-C_4 alkoxy and halogen.

Yet more favourably still, G^4 is cyclohexyl or cyclopentyl.

Most preferably, G^4 is cyclohexyl.

G^5 is C_3-C_7 cycloalkyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6-alkenyloxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, phenoxy, —C(=O)NH$_2$, —C(=O)NH(CH$_3$), —C(=O)N(CH$_3$)$_2$ and —C(=S)NH$_2$.

More preferably, G^5 is C_3-C_7 cycloalkyl, which is optionally substituted by one or more groups independently selected from halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy, C_3-C_4-alkenyloxy, phenoxy and C_1-C_6 alkylthio.

More preferably again, G^5 is C_3-C_7 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy, C_3-C_4-alkenyloxy, phenoxy and C_1-C_6 alkylthio.

More preferably still, G^5 is C_5-C_7 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_1-C_4 alkoxy, C_3-C_4-alkenyloxy, phenoxy and C_2-C_6 haloalkyl.

More favourably again, G^5 is C_5-C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$ and C_2-C_6 haloalkyl.

Yet more favourably, G^5 is C_5-C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$—CH(CH$_3$)—CH(CH$_3$)$_2$, CHF_2 and CF_3.

Most preferably, G^5 is C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$ and —CH(CH$_3$)—CH(CH$_3$)$_2$.

In another group of compounds, G^5 is a C_5-C_6 cycloalkyl, which is optionally substituted by one or more halogen.

More preferably in this group, G^5 is a C_5-C_6 cycloalkyl, which is optionally substituted by one or more fluorine.

Even more preferably in this group, G^5 is an unsubstituted C_5-C_6 cycloalkyl.

In another group of compounds, G^5 is a C_5-C_6 cycloalkyl, which is optionally substituted by one or more groups selected from the group consisting of C_1-C_4 alkoxy, C_3-C_4-alkenyloxy or phenoxy.

Preferably in this group of compounds, G^5 is a C_5-C_6 cycloalkyl, which is optionally substituted by one or more groups selected from the group consisting of methoxy, ethoxy, C_3-C_4 alkenyloxy and phenoxy.

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More preferably again, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl.

Yet more preferably, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy and C_1-C_6 alkylthio.

Favourably, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy.

More favourably again, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy.

Yet more favourably, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more halogen, CHF_2, CF_3 and C_1-C_4 alkyl.

Most preferably, G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more methyl, bromine, iodine or chlorine.

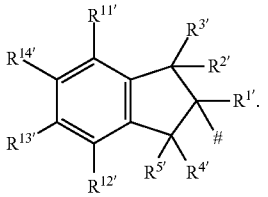
In one group of compounds, G^6 is phenyl substituted at the para-position by fluorine and further substituted as in the above paragraphs.

In one group of compounds, G^6 is phenyl substituted at the ortho-position by fluorine and further substituted as in the above paragraphs.

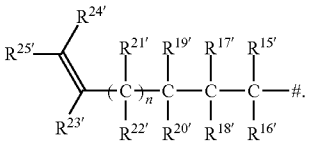
In one group of compounds, G^6 is phenyl substituted at the meta-position by fluorine and further substituted as in the above paragraphs.

G^7 is methylene.

G^8 is



G^9 is



G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylsulfonyl, phenyl, 2-phenyl-ethynyl and 2-phenyl-ethyl.

Preferably, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More preferably, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, OH, SH, CHO, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl.

More preferably again, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, phenyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH═CH_2, $C(CH_3)$═CH_2, CH═$CH(CH_3)$, $C(CH_3)$═$CH(CH_3)$, CH═$C(CH_3)_2$, $C(CH_3)$═$C(CH_3)_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, $OCHF_2$, OCH_2—C≡CH, $OCH(CH_3)$—C≡CH, SCH_3, SCH_2CH_3, S(═O)CH_3, S(═O)CH_2CH_3, S(═O)$_2CH_3$ and S(═O)$_2CH_2CH_3$

More favourably again, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, OH, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, CH═CH_2, $C(CH_3)$═CH_2, CH═$CH(CH_3)$, $C(CH_3)$═$CH(CH_3)$, CH═$C(CH_3)_2$, $C(CH_3)$═$C(CH_3)_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, phenyl, ethoxy, iso-propyloxy and $OCHF_2$.

Yet more favourably, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, methyl, ethyl, n-propyl, iso-propyl, ethenyl, methoxy, ethoxy, iso-propyloxy, phenyl, CHF_2, CF_3, CHF—CH_3 and $OCHF_2$.

Most preferably, G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from

halogen, CN, methyl, ethyl, n-propyl, iso-propyl, ethenyl, methoxy, phenyl, CHF_2, CF_3 and CHF—CH_3.

G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy.

More preferably again, G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy.

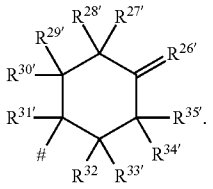
More favourably again, G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy.

Yet more favourably, G^{11} is methylene substituted by at least one group independently selected from methyl, ethyl, CHF_2 and CF_3.

More favourably still, G^{11} is methylene substituted by at least one group independently selected from methyl, CF_3 and ethyl.

Most preferably, G^{11} is methylene substituted by at least one group independently selected from methyl and ethyl.

G^{12} is

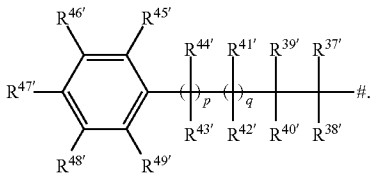


G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2.

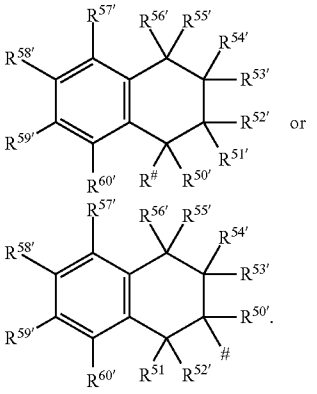
More preferably again, G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio and =O.

Most preferably, G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy and =O.

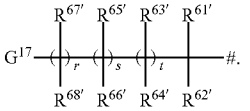
G^{14} is



G^{15} is



G^{16} is



G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S (for example, pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, imidazole, oxadiazole, thiadiazole or tetrazole), it not being possible for each ring system to contain —O—O—, —S—S— and —O—S-fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More favourably again, G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl, wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl or C_1-C_4 haloalkyl.

Yet more favourably, G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 or 2 members selected from the group consisting of N, N($R^{69'}$), O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl,

wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl.

Most preferably, G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 or 2 members selected from the group consisting of N, O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl. In one group of compounds, G^{17} is selected from pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, imidazole, oxadiazole, thiadiazole or tetrazole each of which may be substituted by one or more groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More favourably again in this group, G^{17} is selected from pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, imidazole, oxadiazole, thiadiazole or tetrazole each of which may be substituted by one or more groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl, wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl.

Yet more favourably in this group, G^{17} is selected from pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, or imidazole each of which may be substituted by one or more groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl, wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl.

Most preferably in this group, G^{17} is selected from pyridine, furan, pyrrole, thiazole or oxazole or imidazole each of which may be substituted by one or more groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl.

In another group of compounds, G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 member selected from the group consisting of N and O (for example, pyridine, furan or pyrrole), it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy or C_1-C_4 haloalkoxy.

Preferably in this group, G^{17} is pyridine, furan or pyrrole each of which may be mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy or C_1-C_4 haloalkoxy.

In another group of compounds, G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 2 members selected from the group consisting of N, O and S, (for example oxazole or thiazole) it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl.

Preferably in this group, G^{17} is oxazole or thiazole each of which may be mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl.

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio.

More preferably again, $R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl and C_1-C_4 fluoroalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio.

Yet more preferably, $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, methoxy, ethoxy and S—CH_3 S—CH_2CH_3.

More favourably again, $R^{1'}$ is selected from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F, CF_3 and methoxy.

Most preferably, $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen.

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More preferably again, $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio.

More favourably again, $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2, CF_3 and C_1-C_4 alkoxy.

Most preferably, $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 alkoxy.

$R^{15'}$ and $R^{16'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio.

More preferably again, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are independently selected from the group consisting

of hydrogen, halogen, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3 and CF_2CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio.

Favourably, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are independently selected from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio.

More favourably, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each independently selected from hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2 and CF_3 and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio.

More favourably again, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each independently selected from hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3 and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, methyl, fluorine, chlorine, bromine, ethyl, CH_2F, CHF_2 and CF_3 and isopropyl.

Yet more favourably, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each independently selected from hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3 and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are each independently selected from hydrogen, fluorine, chlorine, bromine, methyl, ethyl and isopropyl.

Most preferably, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$, $R^{22'}$, $R^{23'}$, $R^{24'}$ and $R^{25'}$ are each independently selected from hydrogen, methyl, ethyl and isopropyl.

In one group of compounds, $R^{15'}$ and $R^{16'}$ are each independently selected from the group consisting of hydrogen, methyl, F and CF_3

In this group, $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are most preferably each hydrogen.

In another preferred group of compounds, $R^{15'}$ is as described above and $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen.

In another group of compounds, $R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3.

$R^{26'}$ is $C(R^{36'})_2$, N—O—C_1-C_4-alkyl, N—O—C_2-C_4-alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O wherein the N—O-benzyl and N—O-phenyl may be substituted by one or more groups independently selected from the group consisting of halogen, methyl and halomethyl.

Most preferably, $R^{26'}$ is N—OH, N—O—C_1-C_4 alkyl, N—O—C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O or $C(R^{36'})$.

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl and phenyl;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond.

More preferably again, $R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy and halogen;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond.

More favourably again, $R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, C_1-C_4 alkyl and halogen;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond.

Yet more favourably $R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each hydrogen or methyl;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond.

Most preferably $R^{27'}$ is hydrogen or methyl;

$R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each hydrogen; or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond.

Each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl.

$R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio.

More preferably again, $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from a group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl.

Favourably, $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from a group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2, and CH_2—CF_3.

More favourably again, $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are independently selected from the group consisting of hydrogen, fluorine, methyl and trifluoromethyl.

Yet more favourably, $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are hydrogen or methyl.

Most preferably, $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are hydrogen.

In one group of compounds, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen, and $R^{37'}$ is as defined above.

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl.

More preferably again, $R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy,

ethoxy, difluoromethoxy, trifluoromethoxy, methlythio, methylsulfinyl and methylsulfonyl.

Most preferably, $R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, CF_3, CHF_2, CH_2F, methoxy, difluoromethoxy and trifluoromethoxy.

$R^{50'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 alkylthio.

More preferably again, $R^{50'}$, is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 haloalkoxy.

Favourably, $R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3, CHF—CH_3 and CF_2—CH_3.

More favourably again, $R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3.

Most preferably, $R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are each hydrogen.

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_2-C_6 alkoxy, C_2-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

More preferably again, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl and C_1-C_6 haloalkyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

More favourably again, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2 and CF_3;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

Most preferably, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen and halogen;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

In another group of compounds, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, phenyl and halophenyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

In another group of compounds, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, methy, ethyl and hydroxy-C_2-C_4-alkyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

Preferably in this group, $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen and hydroxyethyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen.

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio.

More preferably again, $R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy.

More favourably again, $R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, CHF_2 and CF_3;

$R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each of there from the group consisting of hydrogen, fluorine, methyl, ethyl, methoxy, difluoromethoxy, trifluoromethoxy, CHF_2 and CF_3.

Yet more favourably, $R^{61'}$, $R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are hydrogen, CHF_2, CF_3 or methyl.

Yet more favourably still, $R^{61'}$, $R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are hydrogen or methyl.

Most preferably, $R^{61'}$, $R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are hydrogen.

$R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl and C_1-C_4 alkylcarboxy.

More preferably again, $R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl and C_1-C_4 alkylcarboxy.

More favourably again, $R^{69'}$ is selected from hydrogen and C_1-C_4 alkyl.

Most preferably, $R^{69'}$ is hydrogen.

n is 0 or 1.

In one preferred group of compounds, n is 0.

In another preferred group of compounds, n is 1.

p and q are independently selected from 0 and 1.

In one group of compounds, p and q are 0.

In another group of compounds, p and q are 1

In another group of compounds, p is 1 and q is 0.

r, s and t are independently selected from 0 and 1.

More preferably again, r and s are 0 and t is 1 or 0.

Most preferably, r, s and t are each 0.

In a group of compounds of formula I, R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl and C_3-C_4 alkynyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine;

R_3 represents hydrogen, halogen, cyano, mercapto, hydroxy, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 haloalkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl) amino, pyrrolidino, imidazolino, triazolino, tetrazolino, formyl, C_2-C_5 alkylcarbonyl, C_2-C_5 haloalkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl or C_1-C_6 hydroxyalkyl;

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl,

C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino and dimethylamino;

R_5 represents hydrogen, C_1-C_{12}-alkylsulfonyl, C_1-C_{12} alkyl, C_3-C_{12} alkenyl, C_3-C_{12} alkynyl, or is C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is $(R_{51})(R_{52})(R_{53})Si$—, $(R_{51})(R_{52})(R_{53})Si$—($C_1$-$C_{12}$alkyl)-, $(R_{51})(R_{52})(R_{53})Si$—($C_3$-$C_8$cycloalkyl)-, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—($C_1$-$C_{12}$alkyl)- or $(R_{54}O)(R_{55}O)(R_{56}O)Si$—($C_3$-$C_8$cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_{12}alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(=O)—, —C(=S)—, —C(=NOR$_{59}$)—, —C(R$_{60}$)=NO—, —ON=C(R$_{60}$)—, —O—C(=O)—, —C(=O)—O—, —O—, —S—, —S(=O)—, —S(=O)$_2$—, —S(=O)(=NR$_{13}$)—, —S(=O)(R$_{14}$)=N—, —N=S(=O)(R$_{14}$)—, —N(R$_{62}$)—C=O)—, —C=O)—N(R$_{62}$)—, —N(R$_{62}$)—SO$_2$— or —SO$_2$—N(R$_{62}$)—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is selected from A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- and A-O—(C_3-C_8cycloalkyl)-;

wherein A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, nitro, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, C_3-C_8 halocycloalkyloxy, C_3-C_8 cycloalkenyloxy, C_3-C_8 halocycloalkenyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_4-C_8 cycloalkoxycarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, =C($R^{36'}$)$_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and =N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O, S or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7alkylcarbonyl, C_2-C_7alkoxycarbonyl, C_4-C_7-alkenyloxycarbonyl, C_4-C_7alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH$_2$, —C(=O)NH(CH$_3$), —C(=O)N(CH$_3$)$_2$ and —C(=S)NH$_2$;

R_6 is hydrogen;

R_7 is hydrogen or C_1-C_4 alkyl.

In another group of compounds of formula I, R_1 and R_2 are each independently selected from hydrogen or C_1-C_4 alkyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine;

R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, formyl, phenyl, C_2-C_4 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl or C_1-C_6 hydroxyalkyl;

R_4 is selected from fluorine, chlorine, bromine, C_1-C_4 alkyl, C_1-C_4 alkenyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, and C_3-C_6 cycloalkyl;

R_5 is selected from G^1, G^2, G^3-G^4, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{12}, G^{13}, G^{14}, G^{15} and G^{16};

R_6 is hydrogen;

R_7 is selected from hydrogen or C_1-C_4 alkyl;

G^1 is a C_8-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl and cyano;

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

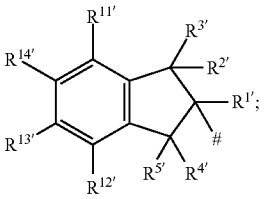
G^4 is C_3-C_{12} cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^5 is C_3-C_7 cycloalkyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6-alkenyloxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, phenoxy, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

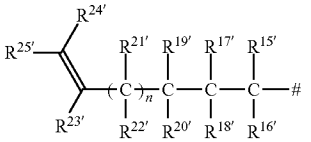
G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl and C_1-C_6 haloalkylsulfonyl;

G^7 is methylene;

G^8 is



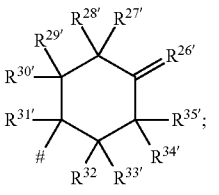
G^9 is



G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylsulfonyl, phenyl, 2-phenyl-ethynyl and 2-phenyl-ethyl;

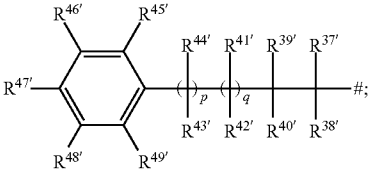
G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

G^{12} is

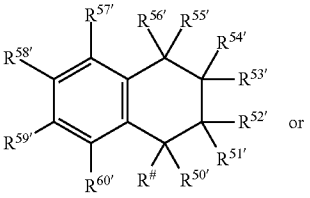


G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6 alkyl)silyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4 C_7 alkenyloxycarbonyl, C_4 C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

G^{14} is



G^{15} is



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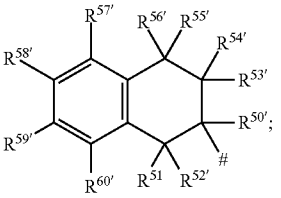
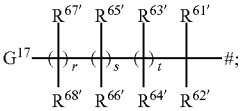


G^{16} is



G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S (for example, pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, imidazole, oxadiazole, thiadiazole or tetrazole), it not being possible for each ring system to contain —O—O—, —S—S— and —O—S-fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)$NH(CH_3)$, C(=O)$N(CH_3)_2$, C(=S)NH_2, C(=S)$NH(CH_3)$, C(=S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4-alkyl, C_1-C_4-haloalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)$NH(CH_3)$, C(=O)$N(CH_3)_2$, C(=S)NH_2, C(=S)$NH(CH_3)$, C(=S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{15'}$ and $R^{16'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

$R^{26'}$ is $C(R^{36'})_2$, N—OH, N—O—C_1-C_4-alkyl, N—O—C_2-C_4-alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O wherein the N—O-benzyl and N—O-phenyl may be substituted by one or more groups independently selected from the group consisting of halogen, methyl and halomethyl;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl and phenyl;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)$NH(CH_3)$, C(=O)$N(CH_3)_2$, C(=S)NH_2, C(=S)$NH(CH_3)$, C(=S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{50'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)$NH(CH_3)$, C(=O)$N(CH_3)_2$, C(=S)NH_2, C(=S)$NH(CH_3)$, C(=S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_2-C_6 alkoxy, C_2-C_6

haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl and C_1-C_4 alkylcarboxy;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r, s and t are independently selected from 0 and 1.

In another group of compounds of formula I, R_1 and R_2 are each C_1-C_4 alkyl;

R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl or C_1-C_4 alkylsulfonyl;

R_4 is selected from methyl, ethyl, methoxy, fluorine and chlorine;

R_6 is hydrogen;

R_7 is hydrogen or C_1-C_4 alkyl.

In another group of compounds, R_1 and R_2 are each independently selected from methyl, ethyl and isopropyl;

R_3 represents hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, cyclopropyl, ethynyl or C_1-C_4 alkoxy;

R_4 is selected from methyl, methoxy, fluorine and chlorine;

R_6 is hydrogen;

R_7 is hydrogen.

In another group of compounds, R_1 is methyl;

R_2 is ethyl;

R_3 is selected from hydrogen, bromine, iodine, methyl, CHF_2, cyclopropyl, ethynyl and methoxy;

R_4 is methyl;

R_6 is hydrogen;

R_7 is hydrogen.

In another group of compounds, G^1 is a C_9-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl;

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 fluoroalkyl, C_1-C_4 alkoxy and halogen;

G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^5 is C_3-C_7 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy, C_3-C_4-alkenyloxy, phenoxy and C_1-C_6 alkylthio;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, phenyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH═CH_2, $C(CH_3)$═CH_2, CH═$CH(CH_3)$, $C(CH_3)$═$CH(CH_3)$, CH═$C(CH_3)_2$, $C(CH_3)$═$C(CH_3)_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, $OCHF_2$, OCH_2—C≡CH, $OCH(CH_3)$—C≡CH, SCH_3, SCH_2CH_3, S(═O)CH_3, S(═O)CH_2CH_3, S(═O)$_2CH_3$ and S(═O)$_2CH_2CH_3$;

G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio and ═O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, $N(R^{69'})$, O and S (for example, pyridine, pyrimidine, furan, pyrrole, thiazole, oxazole, pyrazole, imidazole, oxadiazole, thiadiazole or tetrazole), it not being possible for each ring system to contain —O—O—, —S—S— and —O—S-fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl and C_1-C_4 fluoroalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are independently selected from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3 and CF_2CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

$R^{26'}$ is N—OH, N—O—C_1-C_4 alkyl, N—O—C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O, or $C(R^{36'})_2$;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy and halogen;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from a group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, difluoromethoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

$R^{50'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 haloalkoxy;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl and C_1-C_6 haloalkyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

$R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl and C_1-C_4 alkylcarboxy;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r and s are 0 and t is 1 or 0.

In another group of compounds, G^1 is a saturated C_{10} fused bicyclic ring system which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl;

G^2 is a C_5-C_6 cycloalkenyl group optionally substituted by one or more fluorine atoms;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, CHF_2, CF_3, C_1-C_4 alkoxy and halogen;

G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy and halogen;

G^5 is C_5-C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$ and C_2-C_6 haloalkyl;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy.

G^7 is methylene;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from hydrogen, halogen, CN, OH, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, CH═CH_2, $C(CH_3)$═CH_2, CH═$CH(CH_3)$, $C(CH_3)$═$CH(CH_3)$, CH═$C(CH_3)_2$, $C(CH_3)$═$C(CH_3)_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, phenyl and $OCHF_2$;

G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio and ═O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl, wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F, CF_3 and methoxy;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2, CF_3 and C_1-C_4 alkoxy;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each independently selected from hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3 and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, methyl, fluorine, chlorine, bromine, ethyl, CH_2F, CHF_2 and CF_3 and isopropyl;

$R^{26'}$ is N—OH, N—O—C_1-C_4 alkyl, N—O—C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O, C_2-C_4 alkenyloxy or $C(R^{36'})$;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, C_1-C_4 alkyl and halogen;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are independently selected from the group consisting of hydrogen, fluorine, methyl and trifluoromethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

$R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2 and CF_3;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, CHF_2 and CF_3;

$R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each of there from the group consisting of hydrogen, fluoro, methyl, ethyl, methoxy, difluoromethoxy, trifluoromethoxy, CHF_2 and CF_3;

$R^{69'}$ is selected from hydrogen and C_1-C_4 alkyl;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r and s are 0 and t is 1 or 0.

In another group of compounds, G^1 is a saturated C_{10} fused bicyclic ring system;

G^2 is a C_5-C_6 cycloalkenyl group;

G^3 is phenyl;

G^4 is cyclohexyl or cyclopentyl;

G^5 is C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$ and —CH(CH_3)—CH(CH_3)$_2$;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more methyl, bromine, iodine or chlorine;

G^7 is methylene;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, methyl, ethyl, n-propyl, iso-propyl, ethenyl, methoxy, ethoxy, iso-propyloxy, phenyl, CHF_2, CF_3, CHF—CH_3 and $OCHF_2$;

G^{11} is methylene substituted by at least one group independently selected from methyl, CF_3 and ethyl;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy and =O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 or 2 members selected from the group consisting of N, O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl;

$R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 alkoxy;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$, $R^{22'}$, $R^{23'}$, $R^{24'}$ and $R^{25'}$ are each independently selected from hydrogen, methyl, ethyl and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are each independently selected from hydrogen, fluorine, chlorine, bromine, methyl, ethyl and isopropyl;

$R^{26'}$ is N—OH, N—O—C_1-C_4 alkyl, N—O—C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O, C_2-C_4 alkenyloxy and C($R^{36'}$);

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each hydrogen or methyl; or $R^{27'}$ and $R^{28'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, CF_3, CHF_2, CH_2F, methoxy, difluoromethoxy and trifluoromethoxy;

$R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are each hydrogen;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen and halogen;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$, $R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are hydrogen;

$R^{69'}$ is hydrogen;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r, s and t are each 0.

In another preferred group of compounds, R^5 is G^1.

In another preferred group of compounds, R^5 is G^2.

In another preferred group of compounds, R^5 is G^3-G^4.

In another preferred group of compounds, R^5 is G^5.

In another preferred group of compounds, R^5 is G^6-G^7.

In another preferred group of compounds, R^5 is G^8.

In another preferred group of compounds, R^5 is G^9.

In another preferred group of compounds, R^5 is G^{10}-G^{11}.

In another preferred group of compounds, R^5 is G^{12}.

In another preferred group of compounds, R^5 is G^{13}.

In another preferred group of compounds, R^5 is G^{14}.

In another preferred group of compounds, R^5 is G^{15}.

In another preferred group of compounds, R^5 is G^{16}.

In a further group of compounds, R_1 is selected from R^{1a} and R^{1b};

R_2 is methyl;

R_3 is selected from R^{3a}, R^{3b}, R^{3c}, R^{3d}, R^{3e}, R^{3f}, R^{3g}, R^{3h}, R^{3i}, R^{3j}, R^{3k}, R^{3l}, R^{3m}, R^{3n}, R^{3o}, R^{3p}, R^{3q}, R^{3r}, R^{3s}, R^{3t};

R_4 is selected from R_{4a}, R_{4b}, R_{4c}, R_{4d}, R_{4e}, R_{4f};

R_5 is selected from R^{5a}, R^{5b}, R^{5c}, R^{5d}, R^{5e}, R^{5f}, R^{5g}, R^{5h}, R^{5j}, R^{5k}, R^{5l}, R^{5m}, R^{5n}, R^{5o}, R^{5p}, R^{5q}, R^{5r}, R^{5s}, R^{5t}, R^{5u}, R^{5v}, R^{5x}, R^{5y}, R^{5z}, R^{5ab}, R^{5ac}, R^{5ad}, R^{5ae}, R^{5af}, R^{5ag}, R^{5ah}, R^{5aj}, R^{5ak}, R^{5al}, R^{5am}, R^{5aa}, R^{5bb}, R^{5cc}, R^{5dd}, R^{5ee}, R^{5ff}, R^{5gg}, R^{5hh}, R^{5jj}, R^{5kk}, R^{5ll}, R^{5mm}, R^{5nn}, R^{5oo}, R^{5pp}, R^{5qq}, R^{5rr}, R^{5ss}, R^{5tt}, R^{5uu}, R^{5vv}, R^{5ww}, R^{5xx}, R^{5zz}, R^{5ba}, R^{5bc}, R^{5bd}, R^{5be}, R^{5bf}, R^{5bg}, R^{5bh}, R^{5bi}, R^{5bj}, R^{5bk}, R^{5bi}, R^{5bm}, R^{5bn}, R^{5bo}, R^{5bp}, R^{5bq}, R^{5br}, R^{5bs}, R^{5bt}, R^{5bu}, R^{5bv}, R^{5bw}, R^{5bx}, R^{5by}, R^{5bz}, R^{5ca}, R^{5cb}, R^{5cd}, R^{5ce}, R^{5cf}, R^{5cg}, R^{5bh}, R^{5ci}, R^{5cj}, R^{5ck}, R^{5cl}, R^{5cm}, R^{5cn}, R^{5co}, R^{5cp}, R^{5cq}, R^{5cr}, R^{5cs}, R^{5ct}, R^{5cu}, R^{5cv}, R^{5cw}, R^{5cx}, R^{5cy}, R^{5cz}, R^{5da}, R^{5db}, R^{5dc}, R^{5de}, R^{5df}, R^{5dg}, R^{5dh}, R^{5di}, R^{5dj}, R^{5dk}, R^{5dl}, R^{5dm}, R^{5dn}, R^{5do}, R^{5dp}, R^{5q}, R^{5dr}, R^{5ds}, R^{5dt}, R^{5du}, R^{5dv}, R^{5dw}, R^{5dx}, R^{5ea}, R^{5eb}, R^{5ec}, R^{5ed}, R^{5ef}, R^{5eg}, R^{5eh}, R^{5ei}, R^{5ej}, R^{5ek}, R^{5ela}, R^{5em}, R^{5en}, R^{5eo}, R^{5ep}, R^{5eq}, R^{5er}, R^{5es}, R^{5et}, R^{5eu}, R^{5ev}, R^{5ex}, R^{5ey}, R^{5ez}, R^{5fa}, R^{5fb}, R^{5fc}, R^{5fd}, R^{5fe}, R^{5fg}, R^{5fh}, R^{5fi}, R^{5fj}, R^{5fk}, R^{5fl}, R^{5fm}, R^{5fn}, R^{5fo}, R^{5fp}, R^{5fq}, R^{5fr}, R^{5fs}, R^{5ft}, R^{5fu}, R^{5fv}, R^{5fw};

R_6 is selected from R^a, R^b and R^c;

R_7 is H;

R^{1a} is selected from ethyl and isopropyl;

R^{1b} is ethyl;

R^{3a} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, CCH, CH=CH_2, H_2C=C—(CH_3), cyclopropyl, halomethyl, haloethyl, methoxy, halomethoxy, ethoxy, haloethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO, CH_2OH, CH(OH)Me and CO-Me;

R^{3b} is selected from hydrogen, F, Cl, Br, I, cyano, methyl, ethyl, isopropyl, fluoromethyl, difluoromethyl, trifluoromethyl, (H_3C)—CHF, methoxy and ethoxy;

R^{3c} is selected from hydrogen, F, Br, I, methyl, ethyl, isopropyl, fluoromethyl, difluoromethyl, trifluoromethyl, (H_3C)—CHF, methoxy and ethoxy;

R^{3d} is selected from hydrogen, halogen, cyano, methyl, ethyl, isopropyl, C≡CH, CH═CH_2, H_2C═C—(CH_3), cyclopropyl, halomethyl, haloethyl, methoxy, ethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl,

amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO and CO-Me;

R^{3b} is selected from hydrogen, F, Cl, Br, I, cyano, methyl, ethyl, isopropyl, fluoromethyl, difluoromethyl, trifluoromethyl, (H_3C)—CHF, methoxy and ethoxy;

R^{3c} is selected from hydrogen, F, Br, I, methyl, ethyl, isopropyl, fluoromethyl, difluoromethyl, trifluoromethyl, (H_3C)—CHF, methoxy and ethoxy;

R^{3e} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, ethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO, CH_2OH, CH(OH)Me and CO-Me;

R^{3f} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

R^{3g} is selected from hydrogen, F, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

R^{3h} is selected from hydrogen, Br, I, methyl, ethyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F and methoxy;

R^{3i} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, ethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO and CO-Me;

R^{3j} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, halomethyl, haloethyl, methoxy and ethoxy;

R^{3k} is selected from hydrogen, halogen, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, methoxy and ethoxy;

R^{3l} is selected from hydrogen, halogen, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, methoxy and ethoxy;

R^{3m} is selected from hydrogen, F, Br, I, methyl, ethyl, CHF_2 and methoxy;

R^{3n} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, ethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO, CH_2OH, CH(OH)Me and CO-Me;

R^{3o} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, ethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl and halomethylsulfonyl;

R^{3p} is selected from hydrogen, F, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy and ethoxy;

R^{3q} is selected from hydrogen, F, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

R^{3r} is selected from hydrogen, Br, I, methyl, cyclopropyl, C≡CH, CH═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3 and methoxy;

R^{3s} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, tert-butyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, halomethoxy, ethoxy, haloethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO and C(═O)Me;

R^{3t} is selected from hydrogen, halogen, CN, methyl, ethyl, isopropyl, cyclopropyl, tert-butyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, halomethyl, haloethyl, methoxy, halomethoxy, ethoxy, haloethoxy, methlythio, halomethylthio, methylsulfinyl, halomethylsulfinyl, methylsulfonyl, halomethylsulfonyl, amino, methylamino, dimethylamino, ethylamino, diethylamino, ethylmethylamino, pyrrolidino, imidazolino, triazolino, CHO and C(═O)Me;

R_{4a} is selected from F, Cl, Br, C_1-C_4 alkyl, C_1-C_4 alkenyl, C_1-C_4 haloalkyl and C_1-C_4 cycloalkyl;

R_{4b} is selected from F, Cl, methyl, ethyl, ethenyl, propyl, propenyl, isopropyl, isopropenyl, cyclopropanyl, methoxy, ethoxy, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoromethyl

R_{4c} is selected from methyl, ethyl, methoxy, F and Cl;

R_{4d} is selected from methyl, methoxy, F and Cl;

R_{4e} is selected from methyl;

R_{4f} is selected from methoxy, F and Cl;

R^{5a} is a 3- to 6-membered cycloalkenyl group, or a 3- to 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH$(CH_3)_2$, —CH(CH_3)—CH$(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4 C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(═O)NH_2, —C(═O)NH(CH_3), —C(═O)N$(CH_3)_2$ and —C(═S)NH_2;

R^{5b} is a 3- to 6-membered cycloalkenyl group, or a 3- to 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH$(CH_3)_2$, —CH(CH_3)—CH$(CH_3)_2$, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5c} is a 3- to 6-membered cycloalkenyl group, or a 3- to 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl,

n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$-fluoroalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5d} is a 5-membered cycloalkenyl group, or a 5-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO$_2$, OH, SH, CHO, COOH, tri(C$_1$-C$_6$alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_3$-C$_6$ cycloalkyl, C$_3$-C$_6$ halocycloalkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ haloalkenyl, C$_1$-C$_6$ alkoxy, C$_1$-C$_6$ haloalkoxy, C$_2$-C$_7$ alkylcarbonyl, C$_2$-C$_7$ alkoxycarbonyl, C$_4$-C$_7$ alkenyloxycarbonyl, C$_4$-C$_7$ alkynyloxycarbonyl, C$_1$-C$_6$ alkylthio, C$_1$-C$_6$ alkylsulfinyl, C$_1$-C$_6$ alkylsulfonyl, —C(═O)NH$_2$, —C(═O)NH(CH$_3$), —C(═O)N(CH$_3$)$_2$ and —C(═S)NH$_2$;

R^{5e} is a 5-membered cycloalkenyl group, or a 5-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5f} is a 5-membered cycloalkenyl group, or a 5-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$-fluoroalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{59g} is a 6-membered cycloalkenyl group, or a 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO$_2$, OH, SH, CHO, COOH, tri(C$_1$-C$_6$alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_3$-C$_6$ cycloalkyl, C$_3$-C$_6$ halocycloalkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ haloalkenyl, C$_1$-C$_6$ alkoxy, C$_1$-C$_6$ haloalkoxy, C$_2$-C$_7$ alkylcarbonyl, C$_2$-C$_7$ alkoxycarbonyl, C$_4$ C$_7$ alkenyloxycarbonyl, C$_4$ C$_7$ alkynyloxycarbonyl, C$_1$-C$_6$ alkylthio, C$_1$-C$_6$ alkylsulfinyl, C$_1$-C$_6$ alkylsulfonyl, —C(═O)NH$_2$, —C(═O)NH(CH$_3$), —C(═O)N(CH$_3$)$_2$ and —C(═S)NH$_2$;

R^{5h} is a 6-membered cycloalkenyl group, or a 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5j} is a 6-membered cycloalkenyl group, or a 6-membered cycloalkenyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ fluoroalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5k} is a 3- to 7-membered cycloalkyl group, or a 3- to 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO$_2$, OH, SH, CHO, COOH, tri(C$_1$-C$_6$alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_3$-C$_6$ cycloalkyl, C$_3$-C$_6$ halocycloalkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ haloalkenyl, C$_1$-C$_6$ alkoxy, C$_1$-C$_6$ haloalkoxy, C$_2$-C$_7$ alkylcarbonyl, C$_2$-C$_7$ alkoxycarbonyl, C$_4$-C$_7$ alkenyloxycarbonyl, C$_4$-C$_7$ alkynyloxycarbonyl, C$_1$-C$_6$ alkylthio, C$_1$-C$_6$ alkylsulfinyl, C$_1$-C$_6$ alkylsulfonyl, —C(═O)NH$_2$, —C(═O)NH(CH$_3$), —C(═O)N(CH$_3$)$_2$ and —C(═S)NH$_2$;

R^{5l} is a 3- to 7-membered cycloalkyl group, or a 3- to 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5m} is a 3- to 7-membered cycloalkyl group, or a 3- to 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$-fluoroalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5n} is a 3-membered cycloalkyl group, or a 3-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO$_2$, OH, SH, CHO, COOH, tri(C$_1$-C$_6$alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_3$-C$_6$ cycloalkyl, C$_3$-C$_6$ halocycloalkyl, C$_2$-C$_6$ alkenyl, C$_2$-C$_6$ haloalkenyl, C$_1$-C$_6$ alkoxy, C$_1$-C$_6$ haloalkoxy, C$_2$-C$_7$ alkylcarbonyl, C$_2$-C$_7$alkoxycarbonyl, C$_4$ C$_7$ alkenyloxycarbonyl, C$_4$ C$_7$ alkynyloxycarbonyl, C$_1$-C$_6$ alkylthio, C$_1$-C$_6$ alkylsulfinyl, C$_1$-C$_6$ alkylsulfonyl, —C(═O)NH$_2$, —C(═O)NH(CH$_3$), —C(═O)N(CH$_3$)$_2$ and —C(═S)NH$_2$;

R^{5o} is a 3-membered cycloalkyl group, or a 3-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)—CH$_3$, —CH$_2$—CH$_2$—CH(CH$_3$)$_2$, —CH(CH$_3$)—CH(CH$_3$)$_2$, C$_1$-C$_6$ haloalkyl, C$_1$-C$_6$ alkoxy and C$_1$-C$_6$ alkylthio;

R^{5p} is a 3-membered cycloalkyl group, or a 3-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH$_3$)—CH$_2$—CH$_2$—CH$_3$, —CH—CH(CH$_3$)—CH$_2$—CH$_3$, —CH$_2$—CH$_2$—CH

(CH_3)—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 fluoroalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5q} is a 4-membered cycloalkyl group, or a 4-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7alkoxycarbonyl, C_4 C_7 alkenyloxycarbonyl, C_4 C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(═O)NH_2, —C(═O)$NH(CH_3)$, —C(═O)$N(CH_3)_2$ and —C(═S)NH_2;

R^{5r} is a 4-membered cycloalkyl group, or a 4-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5s} is a 4-membered cycloalkyl group, or a 4-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 fluoroalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5t} is a 5-membered cycloalkyl group, or a 5-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7alkoxycarbonyl, C_4 C_7 alkenyloxycarbonyl, C_4 C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(═O)NH_2, —C(═O)$NH(CH_3)$, —C(═O)$N(CH_3)_2$ and —C(═S)NH_2;

R^{5u} is a 5-membered cycloalkyl group, or a 5-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5v} is a 5-membered cycloalkyl group, or a 5-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 fluoroalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5x} is a 6-membered cycloalkyl group, or a 6-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(═O)NH_2, —C(═O)$NH(CH_3)$, —C(═O)$N(CH_3)_2$ and —C(═S)NH_2;

R^{5y} is a 6-membered cycloalkyl group, or a 6-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5z} is a 6-membered cycloalkyl group, or a 6-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 fluoroalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5ab} is a 7-membered cycloalkyl group, or a 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6 alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(═O)NH_2, —C(═O)$NH(CH_3)$, —C(═O)$N(CH_3)_2$ and —C(═S)NH_2;

R^{5ac} is a 7-membered cycloalkyl group, or a 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5ad} is a 7-membered cycloalkyl group, or a 7-membered cycloalkyl group that can be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—CH

(CH_3)—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 fluoroalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5ae} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5af} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5ag} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, methyl, ethyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, methoxy, ethoxy, S—CH_3 and S—CH_2CH_3;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

R^{5ah} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, methyl, CHF_2, CF_3 and methoxy;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5aj} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, methyl, CHF_2, CF_3 and methoxy;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5ak} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each independently selected from hydrogen, fluoro, methyl, CHF_2, CF_3 and methoxy;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

R^{5al} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5am} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

R^{5aa} is G^8 wherein $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen;

and wherein $R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are each independently selected from hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

R^{5bb} is a benzyl group, wherein the phenyl ring is substituted by at least one fluorine and optionally by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5cc} is a benzyl group, wherein the phenyl ring is substituted by at least one fluorine and optionally by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R^{5dd} is a benzyl group, wherein the phenyl ring is substituted by at least one fluorine and optionally by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy and C_1-C_6 alkylthio;

R^{5ee} is a benzyl group, wherein the phenyl ring is substituted by at least one fluorine and optionally by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_3-C_6 cycloalkyl and C_1-C_4 alkoxy;

R^{5ff} is a benzyl group, wherein the methylene portion is substituted by at least one group independently selected from the group consisting of hydrogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)$NH(CH_3)$, C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)$NH(CH_3)$, C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5gg} is a benzyl group, wherein the methylene portion is substituted by at least one group independently selected from the group consisting of hydrogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5hh} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl

R^{5ii} is a benzyl group, wherein the methylene portion is substituted by one group independently selected from the group consisting of hydrogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5kk} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of methyl, ethyl, CHF_2, CF_3 and methoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5ll} is a benzyl group, wherein the methylene portion is substituted by one group independently selected from the group consisting of methyl, ethyl, CHF_2, CF_3 and methoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

R^{5mm} is a benzyl group, wherein the methylene portion is substituted by at least one group independently selected from the group consisting of hydrogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R^{5nn} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO C_r C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R^{oo} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of methyl, ethyl, CHF_2, CF_3 and methoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO C_r C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R^{5pp} is a benzyl group, wherein the methylene portion is substituted by at least one group independently selected from the group consisting of hydrogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH=CH_2, C(CH_3)=CH_2, CH=CH(CH_3), C(CH_3)=CH(CH_3), CH=C(CH_3)$_2$, C(CH_3)=C(CH_3)$_2$, CH=CF_2, CH=CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, $OCHF_2$, OCH_2—C≡CH, OCH(CH_3)—C≡CH, SCH_3, SCH_2CH_3, S(=O)CH_3, S(=O)CH_2CH_3, S(=O)$_2CH_3$ and S(=O)$_2CH_2CH_3$;

R^{5qq} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH=CH_2, C(CH_3)=CH_2, CH=CH(CH_3), C(CH_3)=CH(CH_3), CH=C(CH_3)$_2$, C(CH_3)=C(CH_3)$_2$, CH=CF_2, CH=CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, $OCHF_2$, OCH_2—C≡CH, OCH(CH_3)—C≡CH, SCH_3, SCH_2CH_3, S(=O)CH_3, S(=O)CH_2CH_3, S(=O)$_2CH_3$ and S(=O)$_2CH_2CH_3$;

R^{5rr} is a benzyl group, wherein the methylene portion is substituted one group independently selected from the group consisting of methyl, ethyl, CHF_2, CF_3 and methoxy;

and wherein the phenyl ring is optionally substituted by one or more groups independently selected from the group consisting of hydrogen, halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH═CH_2, C(CH_3)═CH_2, CH═CH(CH_3), C(CH_3)═CH(CH_3), CH═C(CH_3)$_2$, C(CH_3)═C(CH_3)$_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, $OCHF_2$, OCH_2—C≡CH, OCH(CH_3)—C≡CH, SCH_3, SCH_2CH_3, S(═O)CH_3, S(═O)CH_2CH_3, S(═O)$_2CH_3$ and S(═O)$_2CH_2CH_3$;

R^{5ss} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

R^{5tt} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is either 0 or 1;

R^{5vv} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is either 0 or 1;

R^{5vv} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is either 0 or 1;

R^{5ww} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is either 0 or 1;

R^{5xx} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is either 0 or 1;

R^{5zz} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, fluoromethyl and fluoroethyl;

R^{5ba} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is either 0 or 1;

R^{5bc} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is either 0 or 1;

R^{5bd} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{22'}$ to $R^{24'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is either 0 or 1;

R^{5be} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is either 0 or 1;

R^{5bf} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is either 0 or 1;

R^{5bg} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

R^{5bh} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is either 0 or 1;

R^{5bi} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is either 0 or 1;

R^{5bj} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is either 0 or 1;

R^{5bk} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is either 0 or 1;

R^{5bl} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{22'}$ to $R^{24'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is either 0 or 1;

R^{5bm} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5bn} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5bo} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5bp} P is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5bq} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5br} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is selected independently of each other, from the group consisting of hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 0;

R^{5bs} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5bt} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5bu} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5bv} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5bw} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5bx} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 0;

R^{5by} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5bz} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5ca} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5cb} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5cd} is G^9 wherein $R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5ce} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 0;

R^{5cf} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5cg} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5ch} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopro-

pyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5ci} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5cj} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5ck} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is selected independently of each other, from the group consisting of hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

n is 1;

R^{5cl} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5cm} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5cn} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5co} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5cp} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5cq} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, cyano, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

n is 1;

R^{5cr} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

R^{5cs} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

R^{5ct} is G^9 wherein each $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

R^{5cu} is G^9 wherein $R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl,

ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

R^{5cv} is G^9 wherein $R^{15'}$ and $R^{16'}$ are selected independently of each other, from the group consisting of methyl, F and CF_3;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

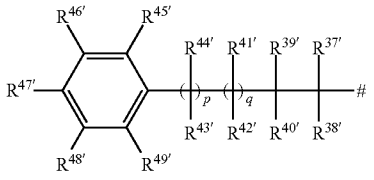
R^{5cw} is G^9 wherein $R^{15'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ is hydrogen;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

n is 1;

R^{5cx} is G^{14} wherein G^{14} is



wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5cy} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5cz} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5da} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5db} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5dc} is G^{14} wherein $R^{37'}$ is selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halo-

cycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5de} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$, and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5df} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoromethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5dg} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5dh} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and 44' are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5di} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5dj} is G^{14} wherein $R^{37'}$ is selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are independently selected from 0 and 1;

R^{5dk} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5dl} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5dm} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5dn} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5do} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5dp} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are independently selected from 0 and 1;

R^{5dq} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, and C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl,

C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5dr} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5ds} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5dt} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5du} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5dv} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p and q are each 0;

R^{5dw} is G^{14} wherein $R^{37'}$ and $R^{37'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, $C(CH_3)$=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{5dx} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, $C(CH_3)$=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{5ea} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, $C(CH_3)$=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{eb} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently from each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{5ec} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{5ed} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p and q are each 0;

R^{5ef} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are each 0;

R^{5eg} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are each 0;

R^{5eh} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are each 0;

R^{5ei} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are each 0;

R^{5ej} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p and q are each 0;

R^{5ek} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5el} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5em} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5en} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)$N(CH_3)_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)$N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halo-

cycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5eo} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are independently selected of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5ep} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5eq} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 0;

q is 1;

R^{5er} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5es} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5et} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5eu} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$, and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5ev} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5ex} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, C(CH_3)═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 0;

q is 1;

R^{5ey} is G^{14} wherein R^{37} and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5ez} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoromethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5fa} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5fb} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5fc} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5fd} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 0;

q is 1;

R^{5fe} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fg} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fh} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fi} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fj} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3),

C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fk} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

p is 1;

q is 1;

R^{5fl} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fm} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fn} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fo} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fp} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fq} is G^{14} wherein $R^{37'}$ is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, Br, I, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH=CH_2, C(CH_3)=CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

p is 1;

q is 1;

R^{5fr} is G^{14} wherein $R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 1;

q is 1;

R^{5fs} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 1;

q is 1;

R^{5ft} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;

p is 1;
q is 1;
R^{5fu} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44''}$ are selected independently of each other from the group consisting of methyl, ethyl, F and CF_3;
$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;
p is 1;
q is 1;
R^{5fv} is G^{14} wherein $R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are each hydrogen;
$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;
p is 1;
q is 1;
R^{5fw} is G^{14} wherein $R^{37'}$ is selected from hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;
$R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CH_2—CH_2F CH_2—CHF_2 and CH_2—CF_3;
$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, F, Cl, methyl, CF_3, CHF_2, CH_2F, methoxy and trifluoromethoxy;
p is 1;
q is 1;
R^{6a} is selected from hydrogen and SH;
R^{6b} is hydrogen;
R^{6c} is SH.

Each line of Table N describes a preferred sub-group from N1-N757 of this group. For reasons of clarity, note that in these sub-groups, R_2 is always methyl and R_7 is always hydrogen. For example, sub-group N1 is a group of compounds of formula (I) wherein
R_1 is R^{1b};
R_2 is methyl;
R_3 is R^{3a};
R_4 is R^{4c};
R_5 is R^{5a};
R_6 is R^{6b};
R_7 is H.

TABLE N

	R_1	R_3	R_4	R_5	R_6
N1	R^{1b}	R^{3a}	R^{4c}	R^{5a}	R^{6b}
N2	R^{1b}	R^{3b}	R^{4d}	R^{5a}	R^{6b}
N3	R^{1b}	R^{3c}	R^{4e}	R^{5a}	R^{6b}
N4	R^{1b}	R^{3a}	R^{4c}	R^{5b}	R^{6b}
N5	R^{1b}	R^{3b}	R^{4d}	R^{5b}	R^{6b}
N6	R^{1b}	R^{3c}	R^{4e}	R^{5b}	R^{6b}
N7	R^{1b}	R^{3a}	R^{4c}	R^{5c}	R^{6b}
N8	R^{1b}	R^{3b}	R^{4d}	R^{5c}	R^{6b}
N9	R^{1b}	R^{3c}	R^{4e}	R^{5c}	R^{6b}
N10	R^{1b}	R^{3a}	R^{4c}	R^{5d}	R^{6b}
N11	R^{1b}	R^{3b}	R^{4d}	R^{5d}	R^{6b}
N12	R^{1b}	R^{3c}	R^{4e}	R^{5d}	R^{6b}
N13	R^{1b}	R^{3a}	R^{4c}	R^{5e}	R^{6b}
N14	R^{1b}	R^{3b}	R^{4d}	R^{5e}	R^{6b}
N15	R^{1b}	R^{3c}	R^{4e}	R^{5e}	R^{6b}
N16	R^{1b}	R^{3a}	R^{4c}	R^{5f}	R^{6b}
N17	R^{1b}	R^{3b}	R^{4d}	R^{5f}	R^{6b}
N18	R^{1b}	R^{3c}	R^{4e}	R^{5f}	R^{6b}
N19	R^{1b}	R^{3a}	R^{4c}	R^{5g}	R^{6b}
N20	R^{1b}	R^{3b}	R^{4d}	R^{5g}	R^{6b}
N21	R^{1b}	R^{3c}	R^{4e}	R^{5g}	R^{6b}
N22	R^{1b}	R^{3a}	R^{4e}	R^{5h}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N23	R^{1b}	R^{3b}	R^{4d}	R^{5h}	R^{6b}
N24	R^{1b}	R^{3c}	R^{4e}	R^{5h}	R^{6b}
N25	R^{1b}	R^{3a}	R^{4c}	R^{5j}	R^{6b}
N26	R^{1b}	R^{3b}	R^{4d}	R^{5j}	R^{6b}
N27	R^{1b}	R^{3c}	R^{4e}	R^{5j}	R^{6b}
N28	R^{1b}	R^{3d}	R^{4c}	R^{5k}	R^{6b}
N29	R^{1b}	R^{3b}	R^{4d}	R^{5k}	R^{6b}
N30	R^{1b}	R^{3c}	R^{4e}	R^{5k}	R^{6b}
N31	R^{1b}	R^{3d}	R^{4c}	R^{5l}	R^{6b}
N32	R^{1b}	R^{3b}	R^{4d}	R^{5l}	R^{6b}
N33	R^{1b}	R^{3c}	R^{4e}	R^{5l}	R^{6b}
N34	R^{1b}	R^{3d}	R^{4c}	R^{5m}	R^{6b}
N35	R^{1b}	R^{3b}	R^{4d}	R^{5m}	R^{6b}
N36	R^{1b}	R^{3c}	R^{4e}	R^{5m}	R^{6b}
N37	R^{1b}	R^{3d}	R^{4c}	R^{5n}	R^{6b}
N38	R^{1b}	R^{3b}	R^{4d}	R^{5n}	R^{6b}
N39	R^{1b}	R^{3c}	R^{4e}	R^{5n}	R^{6b}
N40	R^{1b}	R^{3d}	R^{4c}	R^{5o}	R^{6b}
N41	R^{1b}	R^{3b}	R^{4d}	R^{5o}	R^{6b}
N42	R^{1b}	R^{3c}	R^{4e}	R^{5o}	R^{6b}
N43	R^{1b}	R^{3d}	R^{4c}	R^{5p}	R^{6b}
N44	R^{1b}	R^{3b}	R^{4d}	R^{5p}	R^{6b}
N45	R^{1b}	R^{3c}	R^{4e}	R^{5p}	R^{6b}
N46	R^{1b}	R^{3d}	R^{4c}	R^{5q}	R^{6b}
N47	R^{1b}	R^{3b}	R^{4d}	R^{5q}	R^{6b}
N48	R^{1b}	R^{3c}	R^{4e}	R^{5q}	R^{6b}
N49	R^{1b}	R^{3d}	R^{4c}	R^{5r}	R^{6b}
N50	R^{1b}	R^{3b}	R^{4d}	R^{5r}	R^{6b}
N51	R^{1b}	R^{3c}	R^{4e}	R^{5r}	R^{6b}
N52	R^{1b}	R^{3d}	R^{4c}	R^{5s}	R^{6b}
N53	R^{1b}	R^{3b}	R^{4d}	R^{5s}	R^{6b}
N54	R^{1b}	R^{3c}	R^{4e}	R^{5s}	R^{6b}
N55	R^{1b}	R^{3d}	R^{4c}	R^{5t}	R^{6b}
N56	R^{1b}	R^{3b}	R^{4d}	R^{5t}	R^{6b}
N57	R^{1b}	R^{3c}	R^{4e}	R^{5t}	R^{6b}
N58	R^{1b}	R^{3d}	R^{4c}	R^{5u}	R^{6b}
N59	R^{1b}	R^{3b}	R^{4d}	R^{5u}	R^{6b}
N60	R^{1b}	R^{3c}	R^{4e}	R^{5u}	R^{6b}
N61	R^{1b}	R^{3d}	R^{4c}	R^{5v}	R^{6b}
N62	R^{1b}	R^{3b}	R^{4d}	R^{5v}	R^{6b}
N63	R^{1b}	R^{3c}	R^{4e}	R^{5v}	R^{6b}
N64	R^{1b}	R^{3d}	R^{4c}	R^{5x}	R^{6b}
N65	R^{1b}	R^{3b}	R^{4d}	R^{5x}	R^{6b}
N66	R^{1b}	R^{3c}	R^{4e}	R^{5x}	R^{6b}
N67	R^{1b}	R^{3d}	R^{4c}	R^{5y}	R^{6b}
N68	R^{1b}	R^{3b}	R^{4d}	R^{5y}	R^{6b}
N69	R^{1b}	R^{3c}	R^{4e}	R^{5y}	R^{6b}
N70	R^{1b}	R^{3d}	R^{4c}	R^{5z}	R^{6b}
N71	R^{1b}	R^{3b}	R^{4d}	R^{5z}	R^{6b}
N72	R^{1b}	R^{3c}	R^{4e}	R^{5z}	R^{6b}
N73	R^{1b}	R^{3d}	R^{4c}	R^{5ab}	R^{6b}
N74	R^{1b}	R^{3b}	R^{4d}	R^{5ab}	R^{6b}
N75	R^{1b}	R^{3c}	R^{4e}	R^{5ab}	R^{6b}
N76	R^{1b}	R^{3d}	R^{4c}	R^{5ac}	R^{6b}
N77	R^{1b}	R^{3b}	R^{4d}	R^{5ac}	R^{6b}
N78	R^{1b}	R^{3c}	R^{4e}	R^{5ac}	R^{6b}
N79	R^{1b}	R^{3d}	R^{4c}	R^{5ad}	R^{6b}
N80	R^{1b}	R^{3b}	R^{4d}	R^{5ad}	R^{6b}
N81	R^{1b}	R^{3c}	R^{4e}	R^{5ad}	R^{6b}
N82	R^{1b}	R^{3e}	R^{4c}	R^{5bb}	R^{6b}
N83	R^{1b}	R^{3f}	R^{4c}	R^{5bb}	R^{6b}
N84	R^{1b}	R^{3g}	R^{4e}	R^{5bb}	R^{6b}
N85	R^{1b}	R^{3h}	R^{4e}	R^{5bb}	R^{6b}
N86	R^{1b}	R^{3e}	R^{4c}	R^{5cc}	R^{6b}
N87	R^{1b}	R^{3f}	R^{4c}	R^{5cc}	R^{6b}
N88	R^{1b}	R^{3g}	R^{4e}	R^{5cc}	R^{6b}
N89	R^{1b}	R^{3h}	R^{4e}	R^{5cc}	R^{6b}
N90	R^{1b}	R^{3e}	R^{4c}	R^{5dd}	R^{6b}
N91	R^{1b}	R^{3f}	R^{4c}	R^{5dd}	R^{6b}
N92	R^{1b}	R^{3g}	R^{4e}	R^{5dd}	R^{6b}
N93	R^{1b}	R^{3h}	R^{4e}	R^{5dd}	R^{6b}
N94	R^{1b}	R^{3e}	R^{4c}	R^{5ee}	R^{6b}
N95	R^{1b}	R^{3f}	R^{4c}	R^{5ee}	R^{6b}
N96	R^{1b}	R^{3g}	R^{4e}	R^{5ee}	R^{6b}
N97	R^{1b}	R^{3h}	R^{4e}	R^{5ee}	R^{6b}
N98	R^{1b}	R^{3i}	R^{4c}	R^{5ae}	R^{6a}
N99	R^{1b}	R^{3j}	R^{4c}	R^{5af}	R^{6b}
N100	R^{1b}	R^{3k}	R^{4c}	R^{5ag}	R^{6a}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N101	R^{1b}	R^{3k}	R^{4c}	R^{5ag}	R^{6b}
N102	R^{1b}	R^{3l}	R^{4c}	R^{5ag}	R^{6c}
N103	R^{1b}	R^{3i}	R^{4e}	R^{5ae}	R^{6a}
N104	R^{1b}	R^{3j}	R^{4e}	R^{5af}	R^{6b}
N105	R^{1b}	R^{3k}	R^{4e}	R^{5ag}	R^{6a}
N106	R^{1b}	R^{3k}	R^{4e}	R^{5ag}	R^{6b}
N107	R^{1b}	R^{3l}	R^{4e}	R^{5ag}	R^{6c}
N108	R^{1b}	R^{3i}	R^{4f}	R^{5ae}	R^{6a}
N109	R^{1b}	R^{3j}	R^{4f}	R^{5af}	R^{6b}
N110	R^{1b}	R^{3k}	R^{4f}	R^{5ag}	R^{6a}
N111	R^{1b}	R^{3k}	R^{4f}	R^{5ag}	R^{6b}
N112	R^{1b}	R^{3l}	R^{4f}	R^{5ag}	R^{6c}
N113	R^{1b}	R^{3m}	R^{4c}	R^{5ae}	R^{6a}
N114	R^{1b}	R^{3m}	R^{4c}	R^{5af}	R^{6b}
N115	R^{1b}	R^{3m}	R^{4c}	R^{5ag}	R^{6a}
N116	R^{1b}	R^{3m}	R^{4c}	R^{5ag}	R^{6b}
N117	R^{1b}	R^{3m}	R^{4c}	R^{5ag}	R^{6c}
N118	R^{1b}	R^{3m}	R^{4e}	R^{5ae}	R^{6a}
N119	R^{1b}	R^{3m}	R^{4e}	R^{5af}	R^{6b}
N120	R^{1b}	R^{3m}	R^{4e}	R^{5ag}	R^{6a}
N121	R^{1b}	R^{3m}	R^{4e}	R^{5ag}	R^{6b}
N122	R^{1b}	R^{3m}	R^{4e}	R^{5ag}	R^{6c}
N123	R^{1b}	R^{3m}	R^{4f}	R^{5ae}	R^{6a}
N124	R^{1b}	R^{3m}	R^{4f}	R^{5af}	R^{6b}
N125	R^{1b}	R^{3m}	R^{4f}	R^{5ag}	R^{6a}
N126	R^{1b}	R^{3m}	R^{4f}	R^{5ag}	R^{6b}
N127	R^{1b}	R^{3m}	R^{4f}	R^{5ag}	R^{6c}
N128	R^{1b}	R^{3i}	R^{4c}	R^{5ah}	R^{6a}
N129	R^{1b}	R^{3j}	R^{4c}	R^{5ai}	R^{6b}
N130	R^{1b}	R^{3k}	R^{4c}	R^{5ak}	R^{6a}
N131	R^{1b}	R^{3k}	R^{4c}	R^{5ak}	R^{6b}
N132	R^{1b}	R^{3l}	R^{4c}	R^{5ak}	R^{6c}
N133	R^{1b}	R^{3i}	R^{4e}	R^{5ah}	R^{6a}
N134	R^{1b}	R^{3j}	R^{4e}	R^{5ai}	R^{6b}
N135	R^{1b}	R^{3k}	R^{4e}	R^{5ak}	R^{6a}
N136	R^{1b}	R^{3k}	R^{4e}	R^{5ak}	R^{6b}
N137	R^{1b}	R^{3l}	R^{4e}	R^{5ak}	R^{6c}
N138	R^{1b}	R^{3i}	R^{4f}	R^{5ah}	R^{6a}
N139	R^{1b}	R^{3j}	R^{4f}	R^{5ai}	R^{6b}
N140	R^{1b}	R^{3k}	R^{4f}	R^{5ak}	R^{6a}
N141	R^{1b}	R^{3k}	R^{4f}	R^{5ak}	R^{6b}
N142	R^{1b}	R^{3l}	R^{4f}	R^{5ak}	R^{6c}
N143	R^{1b}	R^{3m}	R^{4c}	R^{5ah}	R^{6a}
N144	R^{1b}	R^{3m}	R^{4c}	R^{5ai}	R^{6b}
N145	R^{1b}	R^{3m}	R^{4c}	R^{5ak}	R^{6a}
N146	R^{1b}	R^{3m}	R^{4c}	R^{5ak}	R^{6b}
N147	R^{1b}	R^{3m}	R^{4c}	R^{5ak}	R^{6c}
N148	R^{1b}	R^{3m}	R^{4e}	R^{5ah}	R^{6a}
N149	R^{1b}	R^{3m}	R^{4e}	R^{5ai}	R^{6b}
N150	R^{1b}	R^{3m}	R^{4e}	R^{5ak}	R^{6a}
N151	R^{1b}	R^{3m}	R^{4e}	R^{5ak}	R^{6b}
N152	R^{1b}	R^{3m}	R^{4e}	R^{5ak}	R^{6c}
N153	R^{1b}	R^{3m}	R^{4f}	R^{5ah}	R^{6a}
N154	R^{1b}	R^{3m}	R^{4f}	R^{5ai}	R^{6b}
N155	R^{1b}	R^{3m}	R^{4f}	R^{5ak}	R^{6a}
N156	R^{1b}	R^{3m}	R^{4f}	R^{5ak}	R^{6b}
N157	R^{1b}	R^{3m}	R^{4f}	R^{5ak}	R^{6c}
N158	R^{1b}	R^{3i}	R^{4c}	R^{5al}	R^{6a}
N159	R^{1b}	R^{3j}	R^{4c}	R^{5am}	R^{6b}
N160	R^{1b}	R^{3k}	R^{4c}	R^{5an}	R^{6a}
N161	R^{1b}	R^{3k}	R^{4c}	R^{5an}	R^{6b}
N162	R^{1b}	R^{3l}	R^{4c}	R^{5an}	R^{6c}
N163	R^{1b}	R^{3i}	R^{4e}	R^{5al}	R^{6a}
N164	R^{1b}	R^{3j}	R^{4e}	R^{5am}	R^{6b}
N165	R^{1b}	R^{3k}	R^{4e}	R^{5an}	R^{6a}
N166	R^{1b}	R^{3k}	R^{4e}	R^{5an}	R^{6b}
N167	R^{1b}	R^{3l}	R^{4e}	R^{5an}	R^{6c}
N168	R^{1b}	R^{3i}	R^{4f}	R^{5al}	R^{6a}
N169	R^{1b}	R^{3j}	R^{4f}	R^{5am}	R^{6b}
N170	R^{1b}	R^{3k}	R^{4f}	R^{5an}	R^{6a}
N171	R^{1b}	R^{3k}	R^{4f}	R^{5an}	R^{6b}
N172	R^{1b}	R^{3l}	R^{4f}	R^{5an}	R^{6c}
N173	R^{1b}	R^{3n}	R^{4c}	R^{5ff}	R^{6a}
N174	R^{1b}	R^{3o}	R^{4c}	R^{5gg}	R^{6b}
N175	R^{1b}	R^{3o}	R^{4c}	R^{5gg}	R^{6c}
N176	R^{1b}	R^{3p}	R^{4e}	R^{5ff}	R^{6b}
N177	R^{1b}	R^{3p}	R^{4e}	R^{5gg}	R^{6b}
N178	R^{1b}	R^{3q}	R^{4e}	R^{5ff}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N179	R^{1b}	R^{3q}	R^{4e}	R^{5gg}	R^{6b}
N180	R^{1b}	R^{3r}	R^{4e}	R^{5ff}	R^{6b}
N181	R^{1b}	R^{3r}	R^{4e}	R^{5gg}	R^{6b}
N182	R^{1b}	R^{3n}	R^{4c}	R^{5hh}	R^{6a}
N183	R^{1b}	R^{3o}	R^{4c}	R^{5ij}	R^{6b}
N184	R^{1b}	R^{3o}	R^{4c}	R^{5ij}	R^{6c}
N185	R^{1b}	R^{3p}	R^{4e}	R^{5hh}	R^{6b}
N186	R^{1b}	R^{3p}	R^{4e}	R^{5ij}	R^{6b}
N187	R^{1b}	R^{3q}	R^{4e}	R^{5hh}	R^{6b}
N188	R^{1b}	R^{3q}	R^{4e}	R^{5ij}	R^{6b}
N189	R^{1b}	R^{3r}	R^{4e}	R^{5hh}	R^{6b}
N190	R^{1b}	R^{3r}	R^{4e}	R^{5ij}	R^{6b}
N191	R^{1b}	R^{3n}	R^{4c}	R^{5kk}	R^{6a}
N192	R^{1b}	R^{3o}	R^{4c}	R^{5ll}	R^{6b}
N193	R^{1b}	R^{3o}	R^{4c}	R^{5ll}	R^{6c}
N194	R^{1b}	R^{3p}	R^{4e}	R^{5kk}	R^{6b}
N195	R^{1b}	R^{3p}	R^{4e}	R^{5ll}	R^{6b}
N196	R^{1b}	R^{3q}	R^{4e}	R^{5kk}	R^{6b}
N197	R^{1b}	R^{3q}	R^{4e}	R^{5ll}	R^{6b}
N198	R^{1b}	R^{3r}	R^{4e}	R^{5kk}	R^{6b}
N199	R^{1b}	R^{3r}	R^{4e}	R^{5ll}	R^{6b}
N200	R^{1b}	R^{3n}	R^{4c}	R^{5mm}	R^{6a}
N201	R^{1b}	R^{3o}	R^{4c}	R^{5nn}	R^{6b}
N202	R^{1b}	R^{3o}	R^{4c}	R^{5nn}	R^{6c}
N203	R^{1b}	R^{3p}	R^{4e}	R^{5mm}	R^{6b}
N204	R^{1b}	R^{3p}	R^{4e}	R^{5nn}	R^{6b}
N205	R^{1b}	R^{3q}	R^{4e}	R^{5mm}	R^{6b}
N206	R^{1b}	R^{3q}	R^{4e}	R^{5nn}	R^{6b}
N207	R^{1b}	R^{3r}	R^{4e}	R^{5mm}	R^{6b}
N208	R^{1b}	R^{3r}	R^{4e}	R^{5nn}	R^{6b}
N209	R^{1b}	R^{3n}	R^{4c}	R^{5nn}	R^{6a}
N210	R^{1b}	R^{3o}	R^{4c}	R^{5nn}	R^{6b}
N211	R^{1b}	R^{3o}	R^{4c}	R^{5nn}	R^{6c}
N212	R^{1b}	R^{3p}	R^{4e}	R^{5nn}	R^{6b}
N213	R^{1b}	R^{3p}	R^{4e}	R^{5nn}	R^{6b}
N214	R^{1b}	R^{3q}	R^{4e}	R^{5nn}	R^{6b}
N215	R^{1b}	R^{3q}	R^{4e}	R^{5nn}	R^{6b}
N216	R^{1b}	R^{3r}	R^{4e}	R^{5nn}	R^{6b}
N217	R^{1b}	R^{3r}	R^{4e}	R^{5nn}	R^{6b}
N218	R^{1b}	R^{3n}	R^{4c}	R^{5oo}	R^{6a}
N219	R^{1b}	R^{3o}	R^{4c}	R^{5oo}	R^{6b}
N220	R^{1b}	R^{3o}	R^{4c}	R^{5oo}	R^{6c}
N221	R^{1b}	R^{3p}	R^{4e}	R^{5oo}	R^{6b}
N222	R^{1b}	R^{3p}	R^{4e}	R^{5oo}	R^{6b}
N223	R^{1b}	R^{3q}	R^{4e}	R^{5oo}	R^{6b}
N224	R^{1b}	R^{3q}	R^{4e}	R^{5oo}	R^{6b}
N225	R^{1b}	R^{3r}	R^{4e}	R^{5oo}	R^{6b}
N226	R^{1b}	R^{3r}	R^{4e}	R^{5oo}	R^{6b}
N227	R^{1b}	R^{3n}	R^{4c}	R^{5pp}	R^{6a}
N228	R^{1b}	R^{3o}	R^{4c}	R^{5qq}	R^{6b}
N229	R^{1b}	R^{3o}	R^{4c}	R^{5qq}	R^{6c}
N230	R^{1b}	R^{3p}	R^{4e}	R^{5qq}	R^{6b}
N231	R^{1b}	R^{3p}	R^{4e}	R^{5qq}	R^{6b}
N232	R^{1b}	R^{3q}	R^{4e}	R^{5qq}	R^{6b}
N233	R^{1b}	R^{3q}	R^{4e}	R^{5qq}	R^{6b}
N234	R^{1b}	R^{3r}	R^{4e}	R^{5qq}	R^{6b}
N235	R^{1b}	R^{3r}	R^{4e}	R^{5qq}	R^{6b}
N236	R^{1b}	R^{3n}	R^{4c}	R^{5pp}	R^{6a}
N237	R^{1b}	R^{3o}	R^{4c}	R^{5qq}	R^{6b}
N238	R^{1b}	R^{3o}	R^{4c}	R^{5qq}	R^{6c}
N239	R^{1b}	R^{3p}	R^{4e}	R^{5qq}	R^{6b}
N240	R^{1b}	R^{3p}	R^{4e}	R^{5qq}	R^{6b}
N241	R^{1b}	R^{3q}	R^{4e}	R^{5qq}	R^{6b}
N242	R^{1b}	R^{3q}	R^{4e}	R^{5qq}	R^{6b}
N243	R^{1b}	R^{3r}	R^{4e}	R^{5qq}	R^{6b}
N244	R^{1b}	R^{3r}	R^{4e}	R^{5qq}	R^{6b}
N245	R^{1b}	R^{3n}	R^{4c}	R^{5rr}	R^{6a}
N246	R^{1b}	R^{3o}	R^{4c}	R^{5rr}	R^{6b}
N247	R^{1b}	R^{3o}	R^{4c}	R^{5rr}	R^{6c}
N248	R^{1b}	R^{3p}	R^{4e}	R^{5rr}	R^{6b}
N249	R^{1b}	R^{3p}	R^{4e}	R^{5rr}	R^{6b}
N250	R^{1b}	R^{3q}	R^{4e}	R^{5rr}	R^{6b}
N251	R^{1b}	R^{3q}	R^{4e}	R^{5rr}	R^{6b}
N252	R^{1b}	R^{3r}	R^{4e}	R^{5rr}	R^{6b}
N253	R^{1b}	R^{3r}	R^{4e}	R^{5rr}	R^{6b}
N254	R^{1b}	R^{3s}	R^{4a}	R^{5ss}	R^{6b}
N255	R^{1b}	R^{3t}	R^{4b}	R^{5ss}	R^{6b}
N256	R^{1b}	R^{3g}	R^{4e}	R^{5ss}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N257	R^{1b}	R^{3h}	R^{4e}	R^{5ss}	R^{6b}
N258	R^{1b}	R^{3s}	R^{4a}	R^{5tt}	R^{6b}
N259	R^{1b}	R^{3t}	R^{4b}	R^{5tt}	R^{6b}
N260	R^{1b}	R^{3g}	R^{4e}	R^{5tt}	R^{6b}
N261	R^{1b}	R^{3h}	R^{4e}	R^{5tt}	R^{6b}
N262	R^{1b}	R^{3s}	R^{4a}	R^{5uu}	R^{6b}
N263	R^{1b}	R^{3t}	R^{4b}	R^{5uu}	R^{6b}
N264	R^{1b}	R^{3g}	R^{4e}	R^{5uu}	R^{6b}
N265	R^{1b}	R^{3h}	R^{4e}	R^{5uu}	R^{6b}
N266	R^{1b}	R^{3s}	R^{4a}	R^{5vv}	R^{6b}
N267	R^{1b}	R^{3t}	R^{4b}	R^{5vv}	R^{6b}
N268	R^{1b}	R^{3g}	R^{4e}	R^{5vv}	R^{6b}
N269	R^{1b}	R^{3h}	R^{4e}	R^{5vv}	R^{6b}
N270	R^{1b}	R^{3s}	R^{4a}	R^{5ww}	R^{6b}
N271	R^{1b}	R^{3t}	R^{4b}	R^{5ww}	R^{6b}
N272	R^{1b}	R^{3g}	R^{4e}	R^{5ww}	R^{6b}
N273	R^{1b}	R^{3h}	R^{4e}	R^{5ww}	R^{6b}
N274	R^{1b}	R^{3s}	R^{4a}	R^{5xx}	R^{6b}
N275	R^{1b}	R^{3t}	R^{4b}	R^{5xx}	R^{6b}
N276	R^{1b}	R^{3g}	R^{4e}	R^{5xx}	R^{6b}
N277	R^{1b}	R^{3h}	R^{4e}	R^{5xx}	R^{6b}
N278	R^{1b}	R^{3s}	R^{4a}	R^{5zz}	R^{6b}
N279	R^{1b}	R^{3t}	R^{4b}	R^{5zz}	R^{6b}
N280	R^{1b}	R^{3g}	R^{4e}	R^{5zz}	R^{6b}
N281	R^{1b}	R^{3h}	R^{4e}	R^{5zz}	R^{6b}
N282	R^{1b}	R^{3s}	R^{4a}	R^{5ba}	R^{6b}
N283	R^{1b}	R^{3t}	R^{4b}	R^{5ba}	R^{6b}
N284	R^{1b}	R^{3g}	R^{4e}	R^{5ba}	R^{6b}
N285	R^{1b}	R^{3h}	R^{4e}	R^{5ba}	R^{6b}
N286	R^{1b}	R^{3s}	R^{4a}	R^{5bc}	R^{6b}
N287	R^{1b}	R^{3t}	R^{4b}	R^{5bc}	R^{6b}
N288	R^{1b}	R^{3g}	R^{4e}	R^{5bc}	R^{6b}
N289	R^{1b}	R^{3h}	R^{4e}	R^{5bc}	R^{6b}
N290	R^{1b}	R^{3s}	R^{4a}	R^{5bd}	R^{6b}
N291	R^{1b}	R^{3t}	R^{4b}	R^{5bd}	R^{6b}
N292	R^{1b}	R^{3g}	R^{4e}	R^{5bd}	R^{6b}
N293	R^{1b}	R^{3h}	R^{4e}	R^{5bd}	R^{6b}
N294	R^{1b}	R^{3s}	R^{4a}	R^{5be}	R^{6b}
N295	R^{1b}	R^{3t}	R^{4b}	R^{5be}	R^{6b}
N296	R^{1b}	R^{3g}	R^{4e}	R^{5be}	R^{6b}
N297	R^{1b}	R^{3h}	R^{4e}	R^{5be}	R^{6b}
N298	R^{1b}	R^{3s}	R^{4a}	R^{5bf}	R^{6b}
N299	R^{1b}	R^{3t}	R^{4b}	R^{5bf}	R^{6b}
N300	R^{1b}	R^{3g}	R^{4e}	R^{5bf}	R^{6b}
N301	R^{1b}	R^{3h}	R^{4e}	R^{5bf}	R^{6b}
N302	R^{1b}	R^{3s}	R^{4a}	R^{5bg}	R^{6b}
N303	R^{1b}	R^{3t}	R^{4b}	R^{5bg}	R^{6b}
N304	R^{1b}	R^{3g}	R^{4e}	R^{5bg}	R^{6b}
N305	R^{1b}	R^{3h}	R^{4e}	R^{5bg}	R^{6b}
N306	R^{1b}	R^{3s}	R^{4a}	R^{5bh}	R^{6b}
N307	R^{1b}	R^{3t}	R^{4b}	R^{5bh}	R^{6b}
N308	R^{1b}	R^{3g}	R^{4e}	R^{5bh}	R^{6b}
N309	R^{1b}	R^{3h}	R^{4e}	R^{5bh}	R^{6b}
N310	R^{1b}	R^{3s}	R^{4a}	R^{5bi}	R^{6b}
N311	R^{1b}	R^{3t}	R^{4b}	R^{5bi}	R^{6b}
N312	R^{1b}	R^{3g}	R^{4e}	R^{5bi}	R^{6b}
N313	R^{1b}	R^{3h}	R^{4e}	R^{5bi}	R^{6b}
N314	R^{1b}	R^{3s}	R^{4a}	R^{5bj}	R^{6b}
N315	R^{1b}	R^{3t}	R^{4b}	R^{5bj}	R^{6b}
N316	R^{1b}	R^{3g}	R^{4e}	R^{5bj}	R^{6b}
N317	R^{1b}	R^{3h}	R^{4e}	R^{5bj}	R^{6b}
N318	R^{1b}	R^{3s}	R^{4a}	R^{5bk}	R^{6b}
N319	R^{1b}	R^{3t}	R^{4b}	R^{5bk}	R^{6b}
N320	R^{1b}	R^{3g}	R^{4e}	R^{5bk}	R^{6b}
N321	R^{1b}	R^{3h}	R^{4e}	R^{5bk}	R^{6b}
N322	R^{1b}	R^{3s}	R^{4a}	R^{5bl}	R^{6b}
N323	R^{1b}	R^{3t}	R^{4b}	R^{5bl}	R^{6b}
N324	R^{1b}	R^{3g}	R^{4e}	R^{5bl}	R^{6b}
N325	R^{1b}	R^{3h}	R^{4e}	R^{5bl}	R^{6b}
N326	R^{1b}	R^{3s}	R^{4a}	R^{5bm}	R^{6b}
N327	R^{1b}	R^{3t}	R^{4b}	R^{5bm}	R^{6b}
N328	R^{1b}	R^{3g}	R^{4e}	R^{5bm}	R^{6b}
N329	R^{1b}	R^{3h}	R^{4e}	R^{5bm}	R^{6b}
N330	R^{1b}	R^{3s}	R^{4a}	R^{5bn}	R^{6b}
N331	R^{1b}	R^{3t}	R^{4b}	R^{5bn}	R^{6b}
N332	R^{1b}	R^{3g}	R^{4e}	R^{5bn}	R^{6b}
N333	R^{1b}	R^{3h}	R^{4e}	R^{5bn}	R^{6b}
N334	R^{1b}	R^{3s}	R^{4a}	R^{5bo}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N335	R^{1b}	R^{3t}	R^{4b}	R^{5bo}	R^{6b}
N336	R^{1b}	R^{3g}	R^{4e}	R^{5bo}	R^{6b}
N337	R^{1b}	R^{3h}	R^{4e}	R^{5bo}	R^{6b}
N338	R^{1b}	R^{3s}	R^{4a}	R^{5bp}	R^{6b}
N339	R^{1b}	R^{3t}	R^{4b}	R^{5bp}	R^{6b}
N340	R^{1b}	R^{3g}	R^{4e}	R^{5bp}	R^{6b}
N341	R^{1b}	R^{3h}	R^{4e}	R^{5bp}	R^{6b}
N342	R^{1b}	R^{3s}	R^{4a}	R^{5bq}	R^{6b}
N343	R^{1b}	R^{3t}	R^{4b}	R^{5bq}	R^{6b}
N344	R^{1b}	R^{3g}	R^{4e}	R^{5bq}	R^{6b}
N345	R^{1b}	R^{3h}	R^{4e}	R^{5bq}	R^{6b}
N346	R^{1b}	R^{3s}	R^{4a}	R^{5br}	R^{6b}
N347	R^{1b}	R^{3t}	R^{4b}	R^{5bq}	R^{6b}
N348	R^{1b}	R^{3g}	R^{4e}	R^{5bq}	R^{6b}
N349	R^{1b}	R^{3h}	R^{4e}	R^{5bq}	R^{6b}
N350	R^{1b}	R^{3s}	R^{4a}	R^{5bs}	R^{6b}
N351	R^{1b}	R^{3t}	R^{4b}	R^{5bs}	R^{6b}
N352	R^{1b}	R^{3g}	R^{4e}	R^{5bs}	R^{6b}
N353	R^{1b}	R^{3h}	R^{4e}	R^{5bs}	R^{6b}
N354	R^{1b}	R^{3s}	R^{4a}	R^{5bt}	R^{6b}
N355	R^{1b}	R^{3t}	R^{4b}	R^{5bt}	R^{6b}
N356	R^{1b}	R^{3g}	R^{4e}	R^{5bt}	R^{6b}
N357	R^{1b}	R^{3h}	R^{4e}	R^{5bt}	R^{6b}
N358	R^{1b}	R^{3s}	R^{4a}	R^{5bu}	R^{6b}
N359	R^{1b}	R^{3t}	R^{4b}	R^{5bu}	R^{6b}
N360	R^{1b}	R^{3g}	R^{4e}	R^{5bu}	R^{6b}
N361	R^{1b}	R^{3h}	R^{4e}	R^{5bu}	R^{6b}
N362	R^{1b}	R^{3s}	R^{4a}	R^{5bv}	R^{6b}
N363	R^{1b}	R^{3t}	R^{4b}	R^{5bv}	R^{6b}
N364	R^{1b}	R^{3g}	R^{4e}	R^{5bv}	R^{6b}
N365	R^{1b}	R^{3h}	R^{4e}	R^{5bv}	R^{6b}
N366	R^{1b}	R^{3s}	R^{4a}	R^{5bw}	R^{6b}
N367	R^{1b}	R^{3t}	R^{4b}	R^{5bw}	R^{6b}
N368	R^{1b}	R^{3g}	R^{4e}	R^{5bw}	R^{6b}
N369	R^{1b}	R^{3h}	R^{4e}	R^{5bw}	R^{6b}
N370	R^{1b}	R^{3s}	R^{4a}	R^{5bx}	R^{6b}
N371	R^{1b}	R^{3t}	R^{4b}	R^{5bx}	R^{6b}
N372	R^{1b}	R^{3g}	R^{4e}	R^{5bx}	R^{6b}
N373	R^{1b}	R^{3h}	R^{4e}	R^{5bx}	R^{6b}
N374	R^{1b}	R^{3s}	R^{4a}	R^{5by}	R^{6b}
N375	R^{1b}	R^{3t}	R^{4b}	R^{5by}	R^{6b}
N376	R^{1b}	R^{3g}	R^{4e}	R^{5by}	R^{6b}
N377	R^{1b}	R^{3h}	R^{4e}	R^{5by}	R^{6b}
N378	R^{1b}	R^{3s}	R^{4a}	R^{5bz}	R^{6b}
N379	R^{1b}	R^{3t}	R^{4b}	R^{5bz}	R^{6b}
N380	R^{1b}	R^{3g}	R^{4e}	R^{5bz}	R^{6b}
N381	R^{1b}	R^{3h}	R^{4e}	R^{5bz}	R^{6b}
N382	R^{1b}	R^{3s}	R^{4a}	R^{5ca}	R^{6b}
N383	R^{1b}	R^{3t}	R^{4b}	R^{5ca}	R^{6b}
N384	R^{1b}	R^{3g}	R^{4e}	R^{5ca}	R^{6b}
N385	R^{1b}	R^{3h}	R^{4e}	R^{5ca}	R^{6b}
N386	R^{1b}	R^{3s}	R^{4a}	R^{5cb}	R^{6b}
N387	R^{1b}	R^{3t}	R^{4b}	R^{5cb}	R^{6b}
N388	R^{1b}	R^{3g}	R^{4e}	R^{5cb}	R^{6b}
N389	R^{1b}	R^{3h}	R^{4e}	R^{5cb}	R^{6b}
N390	R^{1b}	R^{3s}	R^{4a}	R^{5cd}	R^{6b}
N391	R^{1b}	R^{3t}	R^{4b}	R^{5cd}	R^{6b}
N392	R^{1b}	R^{3g}	R^{4e}	R^{5cd}	R^{6b}
N393	R^{1b}	R^{3h}	R^{4e}	R^{5cd}	R^{6b}
N394	R^{1b}	R^{3s}	R^{4a}	R^{5ce}	R^{6b}
N395	R^{1b}	R^{3t}	R^{4b}	R^{5ce}	R^{6b}
N396	R^{1b}	R^{3g}	R^{4e}	R^{5ce}	R^{6b}
N397	R^{1b}	R^{3h}	R^{4e}	R^{5ce}	R^{6b}
N398	R^{1b}	R^{3s}	R^{4a}	R^{5cf}	R^{6b}
N399	R^{1b}	R^{3t}	R^{4b}	R^{5cf}	R^{6b}
N400	R^{1b}	R^{3g}	R^{4e}	R^{5cf}	R^{6b}
N401	R^{1b}	R^{3h}	R^{4e}	R^{5cf}	R^{6b}
N402	R^{1b}	R^{3s}	R^{4a}	R^{5cg}	R^{6b}
N403	R^{1b}	R^{3t}	R^{4b}	R^{5cg}	R^{6b}
N404	R^{1b}	R^{3g}	R^{4e}	R^{5cg}	R^{6b}
N405	R^{1b}	R^{3h}	R^{4e}	R^{5cg}	R^{6b}
N406	R^{1b}	R^{3s}	R^{4a}	R^{5ch}	R^{6b}
N407	R^{1b}	R^{3t}	R^{4b}	R^{5ch}	R^{6b}
N408	R^{1b}	R^{3g}	R^{4e}	R^{5ch}	R^{6b}
N409	R^{1b}	R^{3h}	R^{4e}	R^{5ch}	R^{6b}
N410	R^{1b}	R^{3s}	R^{4a}	R^{5ci}	R^{6b}
N411	R^{1b}	R^{3t}	R^{4b}	R^{5ci}	R^{6b}
N412	R^{1b}	R^{3g}	R^{4e}	R^{5ci}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N413	R^{1b}	R^{3h}	R^{4e}	R^{5ci}	R^{6b}
N414	R^{1b}	R^{3s}	R^{4a}	R^{5cj}	R^{6b}
N415	R^{1b}	R^{3t}	R^{4b}	R^{5cj}	R^{6b}
N416	R^{1b}	R^{3g}	R^{4e}	R^{5cj}	R^{6b}
N417	R^{1b}	R^{3h}	R^{4e}	R^{5cj}	R^{6b}
N418	R^{1b}	R^{3s}	R^{4a}	R^{5ck}	R^{6b}
N419	R^{1b}	R^{3t}	R^{4b}	R^{5ck}	R^{6b}
N420	R^{1b}	R^{3g}	R^{4e}	R^{5ck}	R^{6b}
N421	R^{1b}	R^{3h}	R^{4e}	R^{5ck}	R^{6b}
N422	R^{1b}	R^{3s}	R^{4a}	R^{5cl}	R^{6b}
N423	R^{1b}	R^{3t}	R^{4b}	R^{5cl}	R^{6b}
N424	R^{1b}	R^{3g}	R^{4e}	R^{5cl}	R^{6b}
N425	R^{1b}	R^{3h}	R^{4e}	R^{5cl}	R^{6b}
N426	R^{1b}	R^{3s}	R^{4a}	R^{5cm}	R^{6b}
N427	R^{1b}	R^{3t}	R^{4b}	R^{5cm}	R^{6b}
N428	R^{1b}	R^{3g}	R^{4e}	R^{5cm}	R^{6b}
N429	R^{1b}	R^{3h}	R^{4e}	R^{5cm}	R^{6b}
N430	R^{1b}	R^{3s}	R^{4a}	R^{5cn}	R^{6b}
N431	R^{1b}	R^{3t}	R^{4b}	R^{5cn}	R^{6b}
N432	R^{1b}	R^{3g}	R^{4e}	R^{5cn}	R^{6b}
N433	R^{1b}	R^{3h}	R^{4e}	R^{5cn}	R^{6b}
N434	R^{1b}	R^{3s}	R^{4a}	R^{5co}	R^{6b}
N435	R^{1b}	R^{3t}	R^{4b}	R^{5co}	R^{6b}
N436	R^{1b}	R^{3g}	R^{4e}	R^{5co}	R^{6b}
N437	R^{1b}	R^{3h}	R^{4e}	R^{5co}	R^{6b}
N438	R^{1b}	R^{3s}	R^{4a}	R^{5cp}	R^{6b}
N439	R^{1b}	R^{3t}	R^{4b}	R^{5cp}	R^{6b}
N440	R^{1b}	R^{3g}	R^{4e}	R^{5cp}	R^{6b}
N441	R^{1b}	R^{3h}	R^{4e}	R^{5cp}	R^{6b}
N442	R^{1b}	R^{3s}	R^{4a}	R^{5cq}	R^{6b}
N443	R^{1b}	R^{3t}	R^{4b}	R^{5cq}	R^{6b}
N444	R^{1b}	R^{3g}	R^{4e}	R^{5cq}	R^{6b}
N445	R^{1b}	R^{3h}	R^{4e}	R^{5cq}	R^{6b}
N446	R^{1b}	R^{3s}	R^{4a}	R^{5cr}	R^{6b}
N447	R^{1b}	R^{3t}	R^{4b}	R^{5cr}	R^{6b}
N448	R^{1b}	R^{3g}	R^{4e}	R^{5cr}	R^{6b}
N449	R^{1b}	R^{3h}	R^{4e}	R^{5cr}	R^{6b}
N450	R^{1b}	R^{3s}	R^{4a}	R^{5cs}	R^{6b}
N451	R^{1b}	R^{3t}	R^{4b}	R^{5cs}	R^{6b}
N452	R^{1b}	R^{3g}	R^{4e}	R^{5cs}	R^{6b}
N453	R^{1b}	R^{3h}	R^{4e}	R^{5cs}	R^{6b}
N454	R^{1b}	R^{3s}	R^{4a}	R^{5ct}	R^{6b}
N455	R^{1b}	R^{3t}	R^{4b}	R^{5ct}	R^{6b}
N456	R^{1b}	R^{3g}	R^{4e}	R^{5ct}	R^{6b}
N457	R^{1b}	R^{3h}	R^{4e}	R^{5ct}	R^{6b}
N458	R^{1b}	R^{3s}	R^{4a}	R^{5cu}	R^{6b}
N459	R^{1b}	R^{3t}	R^{4b}	R^{5cu}	R^{6b}
N460	R^{1b}	R^{3g}	R^{4e}	R^{5cu}	R^{6b}
N461	R^{1b}	R^{3h}	R^{4e}	R^{5cu}	R^{6b}
N462	R^{1b}	R^{3s}	R^{4a}	R^{5cv}	R^{6b}
N463	R^{1b}	R^{3t}	R^{4b}	R^{5cv}	R^{6b}
N464	R^{1b}	R^{3g}	R^{4e}	R^{5cv}	R^{6b}
N465	R^{1b}	R^{3h}	R^{4e}	R^{5cv}	R^{6b}
N466	R^{1b}	R^{3s}	R^{4a}	R^{5cw}	R^{6b}
N467	R^{1b}	R^{3t}	R^{4b}	R^{5cw}	R^{6b}
N468	R^{1b}	R^{3g}	R^{4e}	R^{5cw}	R^{6b}
N469	R^{1b}	R^{3h}	R^{4e}	R^{5cw}	R^{6b}
N470	R^{1b}	R^{3s}	R^{4a}	R^{5cx}	R^{6b}
N471	R^{1b}	R^{3t}	R^{4b}	R^{5cx}	R^{6b}
N472	R^{1b}	R^{3g}	R^{4e}	R^{5cx}	R^{6b}
N473	R^{1b}	R^{3h}	R^{4e}	R^{5cx}	R^{6b}
N474	R^{1b}	R^{3s}	R^{4a}	R^{5cy}	R^{6b}
N475	R^{1b}	R^{3t}	R^{4b}	R^{5cy}	R^{6b}
N476	R^{1b}	R^{3g}	R^{4e}	R^{5cy}	R^{6b}
N477	R^{1b}	R^{3h}	R^{4e}	R^{5cy}	R^{6b}
N478	R^{1b}	R^{3s}	R^{4a}	R^{5cz}	R^{6b}
N479	R^{1b}	R^{3t}	R^{4b}	R^{5cz}	R^{6b}
N480	R^{1b}	R^{3g}	R^{4e}	R^{5cz}	R^{6b}
N481	R^{1b}	R^{3h}	R^{4e}	R^{5cz}	R^{6b}
N482	R^{1b}	R^{3s}	R^{4a}	R^{5da}	R^{6b}
N483	R^{1b}	R^{3t}	R^{4b}	R^{5da}	R^{6b}
N484	R^{1b}	R^{3g}	R^{4e}	R^{5da}	R^{6b}
N485	R^{1b}	R^{3h}	R^{4e}	R^{5da}	R^{6b}
N486	R^{1b}	R^{3s}	R^{4a}	R^{5db}	R^{6b}
N487	R^{1b}	R^{3t}	R^{4b}	R^{5db}	R^{6b}
N488	R^{1b}	R^{3g}	R^{4e}	R^{5db}	R^{6b}
N489	R^{1b}	R^{3h}	R^{4e}	R^{5db}	R^{6b}
N490	R^{1b}	R^{3s}	R^{4a}	R^{5dc}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N491	R^{1b}	R^{3t}	R^{4b}	R^{5dc}	R^{6b}
N492	R^{1b}	R^{3g}	R^{4e}	R^{5dc}	R^{6b}
N493	R^{1b}	R^{3h}	R^{4e}	R^{5dc}	R^{6b}
N494	R^{1b}	R^{3s}	R^{4a}	R^{5de}	R^{6b}
N495	R^{1b}	R^{3t}	R^{4b}	R^{5de}	R^{6b}
N496	R^{1b}	R^{3g}	R^{4e}	R^{5de}	R^{6b}
N497	R^{1b}	R^{3h}	R^{4e}	R^{5de}	R^{6b}
N498	R^{1b}	R^{3s}	R^{4a}	R^{5df}	R^{6b}
N499	R^{1b}	R^{3t}	R^{4b}	R^{5df}	R^{6b}
N500	R^{1b}	R^{3g}	R^{4e}	R^{5df}	R^{6b}
N501	R^{1b}	R^{3h}	R^{4e}	R^{5df}	R^{6b}
N502	R^{1b}	R^{3s}	R^{4a}	R^{5dg}	R^{6b}
N503	R^{1b}	R^{3t}	R^{4b}	R^{5dg}	R^{6b}
N504	R^{1b}	R^{3g}	R^{4e}	R^{5dg}	R^{6b}
N505	R^{1b}	R^{3h}	R^{4e}	R^{5dg}	R^{6b}
N506	R^{1b}	R^{3s}	R^{4a}	R^{5dh}	R^{6b}
N507	R^{1b}	R^{3t}	R^{4b}	R^{5dh}	R^{6b}
N508	R^{1b}	R^{3g}	R^{4e}	R^{5dh}	R^{6b}
N509	R^{1b}	R^{3h}	R^{4e}	R^{5dh}	R^{6b}
N510	R^{1b}	R^{3s}	R^{4a}	R^{5di}	R^{6b}
N511	R^{1b}	R^{3t}	R^{4b}	R^{5di}	R^{6b}
N512	R^{1b}	R^{3g}	R^{4e}	R^{5di}	R^{6b}
N513	R^{1b}	R^{3h}	R^{4e}	R^{5di}	R^{6b}
N514	R^{1b}	R^{3s}	R^{4a}	R^{5dj}	R^{6b}
N515	R^{1b}	R^{3t}	R^{4b}	R^{5dj}	R^{6b}
N516	R^{1b}	R^{3g}	R^{4e}	R^{5dj}	R^{6b}
N517	R^{1b}	R^{3h}	R^{4e}	R^{5dj}	R^{6b}
N518	R^{1b}	R^{3s}	R^{4a}	R^{5dk}	R^{6b}
N519	R^{1b}	R^{3t}	R^{4b}	R^{5dk}	R^{6b}
N520	R^{1b}	R^{3g}	R^{4e}	R^{5dk}	R^{6b}
N521	R^{1b}	R^{3h}	R^{4e}	R^{5dk}	R^{6b}
N522	R^{1b}	R^{3s}	R^{4a}	R^{5dl}	R^{6b}
N523	R^{1b}	R^{3t}	R^{4b}	R^{5dl}	R^{6b}
N524	R^{1b}	R^{3g}	R^{4e}	R^{5dl}	R^{6b}
N525	R^{1b}	R^{3h}	R^{4e}	R^{5dl}	R^{6b}
N526	R^{1b}	R^{3s}	R^{4a}	R^{5dm}	R^{6b}
N527	R^{1b}	R^{3t}	R^{4b}	R^{5dm}	R^{6b}
N528	R^{1b}	R^{3g}	R^{4e}	R^{5dm}	R^{6b}
N529	R^{1b}	R^{3h}	R^{4e}	R^{5dm}	R^{6b}
N530	R^{1b}	R^{3s}	R^{4a}	R^{5dn}	R^{6b}
N531	R^{1b}	R^{3t}	R^{4b}	R^{5dn}	R^{6b}
N532	R^{1b}	R^{3g}	R^{4e}	R^{5dn}	R^{6b}
N533	R^{1b}	R^{3h}	R^{4e}	R^{5dn}	R^{6b}
N534	R^{1b}	R^{3s}	R^{4a}	R^{5do}	R^{6b}
N535	R^{1b}	R^{3t}	R^{4b}	R^{5do}	R^{6b}
N536	R^{1b}	R^{3g}	R^{4e}	R^{5do}	R^{6b}
N537	R^{1b}	R^{3h}	R^{4e}	R^{5do}	R^{6b}
N538	R^{1b}	R^{3s}	R^{4a}	R^{5dp}	R^{6b}
N539	R^{1b}	R^{3t}	R^{4b}	R^{5dp}	R^{6b}
N540	R^{1b}	R^{3g}	R^{4e}	R^{5dp}	R^{6b}
N541	R^{1b}	R^{3h}	R^{4e}	R^{5dp}	R^{6b}
N542	R^{1b}	R^{3s}	R^{4a}	R^{5dq}	R^{6b}
N543	R^{1b}	R^{3t}	R^{4b}	R^{5dq}	R^{6b}
N544	R^{1b}	R^{3g}	R^{4e}	R^{5dq}	R^{6b}
N545	R^{1b}	R^{3h}	R^{4e}	R^{5dq}	R^{6b}
N546	R^{1b}	R^{3s}	R^{4a}	R^{5dr}	R^{6b}
N547	R^{1b}	R^{3t}	R^{4b}	R^{5dr}	R^{6b}
N548	R^{1b}	R^{3g}	R^{4e}	R^{5dr}	R^{6b}
N549	R^{1b}	R^{3h}	R^{4e}	R^{5dr}	R^{6b}
N550	R^{1b}	R^{3s}	R^{4a}	R^{5ds}	R^{6b}
N551	R^{1b}	R^{3t}	R^{4b}	R^{5ds}	R^{6b}
N552	R^{1b}	R^{3g}	R^{4e}	R^{5ds}	R^{6b}
N553	R^{1b}	R^{3h}	R^{4e}	R^{5ds}	R^{6b}
N554	R^{1b}	R^{3s}	R^{4a}	R^{5dt}	R^{6b}
N555	R^{1b}	R^{3t}	R^{4b}	R^{5dt}	R^{6b}
N556	R^{1b}	R^{3g}	R^{4e}	R^{5dt}	R^{6b}
N557	R^{1b}	R^{3h}	R^{4e}	R^{5dt}	R^{6b}
N558	R^{1b}	R^{3s}	R^{4a}	R^{5du}	R^{6b}
N559	R^{1b}	R^{3t}	R^{4b}	R^{5du}	R^{6b}
N560	R^{1b}	R^{3g}	R^{4e}	R^{5du}	R^{6b}
N561	R^{1b}	R^{3h}	R^{4e}	R^{5du}	R^{6b}
N562	R^{1b}	R^{3s}	R^{4a}	R^{5dv}	R^{6b}
N563	R^{1b}	R^{3t}	R^{4b}	R^{5dv}	R^{6b}
N564	R^{1b}	R^{3g}	R^{4e}	R^{5dv}	R^{6b}
N565	R^{1b}	R^{3h}	R^{4e}	R^{5dv}	R^{6b}
N566	R^{1b}	R^{3s}	R^{4a}	R^{5dw}	R^{6b}
N567	R^{1b}	R^{3t}	R^{4b}	R^{5dw}	R^{6b}
N568	R^{1b}	R^{3g}	R^{4e}	R^{5dw}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N569	R^{1b}	R^{3h}	R^{4e}	R^{5dw}	R^{6b}
N570	R^{1b}	R^{3s}	R^{4a}	R^{5dx}	R^{6b}
N571	R^{1b}	R^{3t}	R^{4b}	R^{5dx}	R^{6b}
N572	R^{1b}	R^{3g}	R^{4e}	R^{5dx}	R^{6b}
N573	R^{1b}	R^{3h}	R^{4e}	R^{5dx}	R^{6b}
N574	R^{1b}	R^{3s}	R^{4a}	R^{5ea}	R^{6b}
N575	R^{1b}	R^{3t}	R^{4b}	R^{5ea}	R^{6b}
N576	R^{1b}	R^{3g}	R^{4e}	R^{5ea}	R^{6b}
N577	R^{1b}	R^{3h}	R^{4e}	R^{5ea}	R^{6b}
N578	R^{1b}	R^{3s}	R^{4a}	R^{5eb}	R^{6b}
N579	R^{1b}	R^{3t}	R^{4b}	R^{5eb}	R^{6b}
N580	R^{1b}	R^{3g}	R^{4e}	R^{5eb}	R^{6b}
N581	R^{1b}	R^{3h}	R^{4e}	R^{5eb}	R^{6b}
N582	R^{1b}	R^{3s}	R^{4a}	R^{5ec}	R^{6b}
N583	R^{1b}	R^{3t}	R^{4b}	R^{5ec}	R^{6b}
N584	R^{1b}	R^{3g}	R^{4e}	R^{5ec}	R^{6b}
N585	R^{1b}	R^{3h}	R^{4e}	R^{5ec}	R^{6b}
N586	R^{1b}	R^{3s}	R^{4a}	R^{5ed}	R^{6b}
N587	R^{1b}	R^{3t}	R^{4b}	R^{5ed}	R^{6b}
N588	R^{1b}	R^{3g}	R^{4e}	R^{5ed}	R^{6b}
N589	R^{1b}	R^{3h}	R^{4e}	R^{5ed}	R^{6b}
N590	R^{1b}	R^{3s}	R^{4a}	R^{5ef}	R^{6b}
N591	R^{1b}	R^{3t}	R^{4b}	R^{5ef}	R^{6b}
N592	R^{1b}	R^{3g}	R^{4e}	R^{5ef}	R^{6b}
N593	R^{1b}	R^{3h}	R^{4e}	R^{5ef}	R^{6b}
N594	R^{1b}	R^{3s}	R^{4a}	R^{5eg}	R^{6b}
N595	R^{1b}	R^{3t}	R^{4b}	R^{5eg}	R^{6b}
N596	R^{1b}	R^{3g}	R^{4e}	R^{5eg}	R^{6b}
N597	R^{1b}	R^{3h}	R^{4e}	R^{5eg}	R^{6b}
N598	R^{1b}	R^{3s}	R^{4a}	R^{5eh}	R^{6b}
N599	R^{1b}	R^{3t}	R^{4b}	R^{5eh}	R^{6b}
N600	R^{1b}	R^{3g}	R^{4e}	R^{5eh}	R^{6b}
N601	R^{1b}	R^{3h}	R^{4e}	R^{5eh}	R^{6b}
N602	R^{1b}	R^{3s}	R^{4a}	R^{5ei}	R^{6b}
N603	R^{1b}	R^{3t}	R^{4b}	R^{5ei}	R^{6b}
N604	R^{1b}	R^{3g}	R^{4e}	R^{5ei}	R^{6b}
N605	R^{1b}	R^{3h}	R^{4e}	R^{5ei}	R^{6b}
N606	R^{1b}	R^{3s}	R^{4a}	R^{5ej}	R^{6b}
N607	R^{1b}	R^{3t}	R^{4b}	R^{5ej}	R^{6b}
N608	R^{1b}	R^{3g}	R^{4e}	R^{5ej}	R^{6b}
N609	R^{1b}	R^{3h}	R^{4e}	R^{5ej}	R^{6b}
N610	R^{1b}	R^{3s}	R^{4a}	R^{5ek}	R^{6b}
N611	R^{1b}	R^{3t}	R^{4b}	R^{5ej}	R^{6b}
N612	R^{1b}	R^{3g}	R^{4e}	R^{5ej}	R^{6b}
N613	R^{1b}	R^{3h}	R^{4e}	R^{5ej}	R^{6b}
N614	R^{1b}	R^{3s}	R^{4a}	R^{5el}	R^{6b}
N615	R^{1b}	R^{3t}	R^{4b}	R^{5el}	R^{6b}
N616	R^{1b}	R^{3g}	R^{4e}	R^{5el}	R^{6b}
N617	R^{1b}	R^{3h}	R^{4e}	R^{5el}	R^{6b}
N618	R^{1b}	R^{3s}	R^{4a}	R^{5em}	R^{6b}
N619	R^{1b}	R^{3t}	R^{4b}	R^{5em}	R^{6b}
N620	R^{1b}	R^{3g}	R^{4e}	R^{5em}	R^{6b}
N621	R^{1b}	R^{3h}	R^{4e}	R^{5em}	R^{6b}
N622	R^{1b}	R^{3s}	R^{4a}	R^{5en}	R^{6b}
N623	R^{1b}	R^{3t}	R^{4b}	R^{5en}	R^{6b}
N624	R^{1b}	R^{3g}	R^{4e}	R^{5en}	R^{6b}
N625	R^{1b}	R^{3h}	R^{4e}	R^{5en}	R^{6b}
N626	R^{1b}	R^{3s}	R^{4a}	R^{5eo}	R^{6b}
N627	R^{1b}	R^{3t}	R^{4b}	R^{5eo}	R^{6b}
N628	R^{1b}	R^{3g}	R^{4e}	R^{5eo}	R^{6b}
N629	R^{1b}	R^{3h}	R^{4e}	R^{5eo}	R^{6b}
N630	R^{1b}	R^{3s}	R^{4a}	R^{5ep}	R^{6b}
N631	R^{1b}	R^{3t}	R^{4b}	R^{5ep}	R^{6b}
N632	R^{1b}	R^{3g}	R^{4e}	R^{5ep}	R^{6b}
N633	R^{1b}	R^{3h}	R^{4e}	R^{5ep}	R^{6b}
N634	R^{1b}	R^{3s}	R^{4a}	R^{5eq}	R^{6b}
N635	R^{1b}	R^{3t}	R^{4b}	R^{5eq}	R^{6b}
N636	R^{1b}	R^{3g}	R^{4e}	R^{5eq}	R^{6b}
N637	R^{1b}	R^{3h}	R^{4e}	R^{5eq}	R^{6b}
N638	R^{1b}	R^{3s}	R^{4a}	R^{5er}	R^{6b}
N639	R^{1b}	R^{3t}	R^{4b}	R^{ber}	R^{6b}
N640	R^{1b}	R^{3g}	R^{4e}	R^{ber}	R^{6b}
N641	R^{1b}	R^{3h}	R^{4e}	R^{ber}	R^{6b}
N642	R^{1b}	R^{3s}	R^{4a}	R^{5es}	R^{6b}
N643	R^{1b}	R^{3t}	R^{4b}	R^{5es}	R^{6b}
N644	R^{1b}	R^{3g}	R^{4e}	R^{5es}	R^{6b}
N645	R^{1b}	R^{3h}	R^{4e}	R^{5es}	R^{6b}
N646	R^{1b}	R^{3s}	R^{4a}	R^{bet}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N647	R^{1b}	R^{3t}	R^{4b}	R^{bet}	R^{6b}
N648	R^{1b}	R^{3g}	R^{4e}	R^{bet}	R^{6b}
N649	R^{1b}	R^{3h}	R^{4e}	R^{bet}	R^{6b}
N650	R^{1b}	R^{3s}	R^{4a}	R^{5eu}	R^{6b}
N651	R^{1b}	R^{3t}	R^{4b}	R^{5eu}	R^{6b}
N652	R^{1b}	R^{3g}	R^{4e}	R^{5eu}	R^{6b}
N653	R^{1b}	R^{3h}	R^{4e}	R^{5eu}	R^{6b}
N654	R^{1b}	R^{3s}	R^{4a}	R^{5ev}	R^{6b}
N655	R^{1b}	R^{3t}	R^{4b}	R^{5ev}	R^{6b}
N656	R^{1b}	R^{3g}	R^{4e}	R^{5ev}	R^{6b}
N657	R^{1b}	R^{3h}	R^{4e}	R^{5ev}	R^{6b}
N658	R^{1b}	R^{3s}	R^{4a}	R^{5ex}	R^{6b}
N659	R^{1b}	R^{3t}	R^{4b}	R^{5ex}	R^{6b}
N660	R^{1b}	R^{3g}	R^{4e}	R^{5ex}	R^{6b}
N661	R^{1b}	R^{3h}	R^{4e}	R^{5ex}	R^{6b}
N662	R^{1b}	R^{3s}	R^{4a}	R^{5ey}	R^{6b}
N663	R^{1b}	R^{3t}	R^{4b}	R^{5ey}	R^{6b}
N664	R^{1b}	R^{3g}	R^{4e}	R^{5ey}	R^{6b}
N665	R^{1b}	R^{3h}	R^{4e}	R^{5ey}	R^{6b}
N666	R^{1b}	R^{3s}	R^{4a}	R^{5ez}	R^{6b}
N667	R^{1b}	R^{3t}	R^{4b}	R^{5ez}	R^{6b}
N668	R^{1b}	R^{3g}	R^{4e}	R^{5ez}	R^{6b}
N669	R^{1b}	R^{3h}	R^{4e}	R^{5ez}	R^{6b}
N670	R^{1b}	R^{3s}	R^{4a}	R^{5fa}	R^{6b}
N671	R^{1b}	R^{3t}	R^{4b}	R^{5fa}	R^{6b}
N672	R^{1b}	R^{3g}	R^{4e}	R^{5fa}	R^{6b}
N673	R^{1b}	R^{3h}	R^{4e}	R^{5fa}	R^{6b}
N674	R^{1b}	R^{3s}	R^{4a}	R^{5fb}	R^{6b}
N675	R^{1b}	R^{3t}	R^{4b}	R^{5fb}	R^{6b}
N676	R^{1b}	R^{3g}	R^{4e}	R^{5fb}	R^{6b}
N677	R^{1b}	R^{3h}	R^{4e}	R^{5fb}	R^{6b}
N678	R^{1b}	R^{3s}	R^{4a}	R^{5fc}	R^{6b}
N679	R^{1b}	R^{3t}	R^{4b}	R^{5fc}	R^{6b}
N680	R^{1b}	R^{3g}	R^{4e}	R^{5fc}	R^{6b}
N681	R^{1b}	R^{3h}	R^{4e}	R^{5fc}	R^{6b}
N682	R^{1b}	R^{3s}	R^{4a}	R^{5fd}	R^{6b}
N683	R^{1b}	R^{3t}	R^{4b}	R^{5fd}	R^{6b}
N684	R^{1b}	R^{3g}	R^{4e}	R^{5fd}	R^{6b}
N685	R^{1b}	R^{3h}	R^{4e}	R^{5fd}	R^{6b}
N686	R^{1b}	R^{3s}	R^{4a}	R^{5fe}	R^{6b}
N687	R^{1b}	R^{3t}	R^{4b}	R^{5fe}	R^{6b}
N688	R^{1b}	R^{3g}	R^{4e}	R^{5fe}	R^{6b}
N689	R^{1b}	R^{3h}	R^{4e}	R^{5fe}	R^{6b}
N690	R^{1b}	R^{3s}	R^{4a}	R^{5fg}	R^{6b}
N691	R^{1b}	R^{3t}	R^{4b}	R^{5fg}	R^{6b}
N692	R^{1b}	R^{3g}	R^{4e}	R^{5fg}	R^{6b}
N693	R^{1b}	R^{3h}	R^{4e}	R^{5fg}	R^{6b}
N694	R^{1b}	R^{3s}	R^{4a}	R^{5fh}	R^{6b}
N695	R^{1b}	R^{3t}	R^{4b}	R^{5fh}	R^{6b}
N696	R^{1b}	R^{3g}	R^{4e}	R^{5fh}	R^{6b}
N697	R^{1b}	R^{3h}	R^{4e}	R^{5fh}	R^{6b}
N698	R^{1b}	R^{3s}	R^{4a}	R^{5fi}	R^{6b}
N699	R^{1b}	R^{3t}	R^{4b}	R^{5fi}	R^{6b}
N700	R^{1b}	R^{3g}	R^{4e}	R^{5fi}	R^{6b}
N701	R^{1b}	R^{3h}	R^{4e}	R^{5fi}	R^{6b}
N702	R^{1b}	R^{3s}	R^{4a}	R^{5fj}	R^{6b}
N703	R^{1b}	R^{3t}	R^{4b}	R^{5fj}	R^{6b}
N704	R^{1b}	R^{3g}	R^{4e}	R^{5fj}	R^{6b}
N705	R^{1b}	R^{3h}	R^{4e}	R^{5fj}	R^{6b}
N706	R^{1b}	R^{3s}	R^{4a}	R^{5fk}	R^{6b}
N707	R^{1b}	R^{3t}	R^{4b}	R^{5fk}	R^{6b}
N708	R^{1b}	R^{3g}	R^{4e}	R^{5fk}	R^{6b}
N709	R^{1b}	R^{3h}	R^{4e}	R^{5fk}	R^{6b}
N710	R^{1b}	R^{3s}	R^{4a}	R^{5fl}	R^{6b}
N711	R^{1b}	R^{3t}	R^{4b}	R^{5fl}	R^{6b}
N712	R^{1b}	R^{3g}	R^{4e}	R^{5fl}	R^{6b}
N713	R^{1b}	R^{3h}	R^{4e}	R^{5fl}	R^{6b}
N714	R^{1b}	R^{3s}	R^{4a}	R^{5fm}	R^{6b}
N715	R^{1b}	R^{3t}	R^{4b}	R^{5fm}	R^{6b}
N716	R^{1b}	R^{3g}	R^{4e}	R^{5fm}	R^{6b}
N717	R^{1b}	R^{3h}	R^{4e}	R^{5fm}	R^{6b}
N718	R^{1b}	R^{3s}	R^{4a}	R^{5fn}	R^{6b}
N719	R^{1b}	R^{3t}	R^{4b}	R^{5fn}	R^{6b}
N720	R^{1b}	R^{3g}	R^{4e}	R^{5fn}	R^{6b}
N721	R^{1b}	R^{3h}	R^{4e}	R^{5fn}	R^{6b}
N722	R^{1b}	R^{3s}	R^{4a}	R^{5fo}	R^{6b}
N723	R^{1b}	R^{3t}	R^{4b}	R^{5fo}	R^{6b}
N724	R^{1b}	R^{3g}	R^{4e}	R^{5fo}	R^{6b}

TABLE N-continued

	R_1	R_3	R_4	R_5	R_6
N725	R^{1b}	R^{3h}	R^{4e}	R^{5fo}	R^{6b}
N726	R^{1b}	R^{3s}	R^{4a}	R^{5fp}	R^{6b}
N727	R^{1b}	R^{3t}	R^{4b}	R^{5fp}	R^{6b}
N728	R^{1b}	R^{3g}	R^{4e}	R^{5fp}	R^{6b}
N729	R^{1b}	R^{3h}	R^{4e}	R^{5fp}	R^{6b}
N730	R^{1b}	R^{3s}	R^{4a}	R^{5fq}	R^{6b}
N731	R^{1b}	R^{3t}	R^{4b}	R^{5fq}	R^{6b}
N732	R^{1b}	R^{3g}	R^{4e}	R^{5fq}	R^{6b}
N733	R^{1b}	R^{3h}	R^{4e}	R^{5fq}	R^{6b}
N734	R^{1b}	R^{3s}	R^{4a}	R^{5fr}	R^{6b}
N735	R^{1b}	R^{3t}	R^{4b}	R^{5fr}	R^{6b}
N736	R^{1b}	R^{3g}	R^{4e}	R^{5fr}	R^{6b}
N737	R^{1b}	R^{3h}	R^{4e}	R^{5fr}	R^{6b}
N738	R^{1b}	R^{3s}	R^{4a}	R^{5fs}	R^{6b}
N739	R^{1b}	R^{3t}	R^{4b}	R^{5fs}	R^{6b}
N740	R^{1b}	R^{3g}	R^{4e}	R^{5fs}	R^{6b}
N741	R^{1b}	R^{3h}	R^{4e}	R^{5fs}	R^{6b}
N742	R^{1b}	R^{3s}	R^{4a}	R^{5ft}	R^{6b}
N743	R^{1b}	R^{3t}	R^{4b}	R^{5ft}	R^{6b}
N744	R^{1b}	R^{3g}	R^{4e}	R^{5ft}	R^{6b}
N745	R^{1b}	R^{3h}	R^{4e}	R^{5ft}	R^{6b}
N746	R^{1b}	R^{3s}	R^{4a}	R^{5fu}	R^{6b}
N747	R^{1b}	R^{3t}	R^{4b}	R^{5fu}	R^{6b}
N748	R^{1b}	R^{3g}	R^{4e}	R^{5fu}	R^{6b}
N749	R^{1b}	R^{3h}	R^{4e}	R^{5fu}	R^{6b}
N750	R^{1b}	R^{3s}	R^{4a}	R^{5fv}	R^{6b}
N751	R^{1b}	R^{3t}	R^{4b}	R^{5fv}	R^{6b}
N752	R^{1b}	R^{3g}	R^{4e}	R^{5fv}	R^{6b}
N753	R^{1b}	R^{3h}	R^{4e}	R^{5fv}	R^{6b}
N754	R^{1b}	R^{3s}	R^{4a}	R^{5fw}	R^{6b}
N755	R^{1b}	R^{3t}	R^{4b}	R^{5fw}	R^{6b}
N756	R^{1b}	R^{3g}	R^{4e}	R^{5fw}	R^{6b}
N757	R^{1b}	R^{3h}	R^{4e}	R^{5fw}	R^{6b}

Compounds of formula I as well as intermediates and reagents used can be prepared by the methods herein and as described in WO2008/101682 as well as further methods known to a skilled chemist in a variety of ways, or they are commercially available.

In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Chlorothalonil. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fludioxonil. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Cyprodinil. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fenpropidin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Mandipropamid. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fluazinam. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Procymedone. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Carbendazim. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Abamectin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Clothianidin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Emamectin benzoate. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Imidacloprid. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Tefluthrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Mefenoxam. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Orocymedone. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Thiamethoxam. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Lambda-cyhalothrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Gamma-cyhalothrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Profenofos. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Lufenuron. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Diflubenzuron. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Cypermethrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Novaluron. In a further preferred embodiment the component A is

a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Bifenthrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Methomyl. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Chlopyrifos. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Methamidophos. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Endosulfan. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Betacyfluthrin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Triflumuron. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Teflubenzuron. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Acephat. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Glyphosate. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Glufosinate. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Mesotrione. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Bicyclopyrone. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Tembotrione. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Sulcotrione. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is 2,4-D. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164 or a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is MCPA. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Trinexapac-ethyl. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Prohexadione-Ca. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Paclobutrazol. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Acibenzolar-5-methyl. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Methyl-Jasmonate. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Cis-Jasmone. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Manganese. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Cyflufenamid. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Tebufloquin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Copper. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Coumoxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Dicloaminostrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Flufenoxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Pyrametostrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Pyraoxystrobin. In a further preferred embodiment the component A is a specific com-

pound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Trifloxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Azoxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Pyraclostrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Picoxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Jiaxiangjunzhi. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Enoxastrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Triclopyricarb. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fluoxastrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Dimoxystrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fenaminostrobin. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is the compound of formula II. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Cyproconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Difenoconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Metconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Propiconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Epoxiconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Tebuconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Flutriafol. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Ipconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is 1-(2-chlorophenyl)-2-(1-chlorocycloprop-1-yl)-3-(1,2,4-triazol-1-yl)propan-2-ol [CAS number 120983-64-4]. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is prothioconazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is (S)-[3-(4-chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol [CAS number 1229606-46-5]. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164 or a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol [CAS number 1229605-96-2]. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Pyrisoxazole. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-Pyrazole-4-carboxamide [CAS number 1228284-64-7]. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide [CAS number 1072957-71-1]. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Isopyrazam. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Sedaxane. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Boscalid. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Flux-

apyroxad. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Penthiopyrad. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Penflufen. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Bixafen. In a further preferred embodiment the component A is a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454 and the component B is Fluopyram. In a further embodiment the invention relates to a specific compound selected from Tables 1 to 164, a specific compound selected from P.1 to P.372 or a specific compound selected from Q.001 to Q.454.

The compounds of formula I, and, where appropriate, the tautomers thereof, can be present in the form of one of the isomers which are possible or as a mixture of these, for example in the form of pure isomers, such as antipodes and/or diastereomers, or as isomer mixtures, such as structural isomer, stereo isomer, diastereoisomer and enantiomer mixtures, for example racemates, diastereomer mixtures or racemate mixtures, depending on the number, absolute and relative configuration of asymmetric carbon atoms which occur in the molecule and/or depending on the configuration of non-aromatic double bonds which occur in the molecule; the invention relates to the pure isomers and also to all isomer mixtures which are possible and is to be understood in each case in this sense hereinabove and hereinbelow, even when stereochemical details are not mentioned specifically in each case.

Likewise, where isomers are possible for compounds that may be selected as component B, the invention relates to the pure isomers and also to all isomer mixtures which are possible.

The compositions according to the invention have, for practical purposes, a very advantageous spectrum of activities for protecting useful plants against diseases that are caused by phytopathogenic microorganisms, such as fungi, bacteria or viruses.

The invention relates to a method of controlling or preventing infestation of useful plants by phytopathogenic microorganisms, wherein a composition of the invention is applied to the plants, to parts thereof or the locus thereof. The compositions according to the invention are distinguished by excellent activity at low rates of application, by being well tolerated by plants and by being environmentally safe. They have very useful curative, preventive and systemic properties and are used for protecting numerous useful plants. The compositions of the invention can be used to inhibit or destroy the diseases that occur on plants or parts of plants (fruit, blossoms, leaves, stems, tubers, roots) of different crops of useful plants, while at the same time protecting also those parts of the plants that grow later e.g. from phytopathogenic microorganisms.

It is also possible to use compositions of the invention as dressing agents for the treatment of plant propagation material, in particular of seeds (fruit, tubers, grains) and plant cuttings (e.g. rice), for the protection against fungal infections as well as against phytopathogenic fungi occurring in the soil.

Furthermore the compositions of the invention may be used for controlling fungi in related areas, for example in the protection of technical materials, including wood and wood related technical products, in food storage or in hygiene management.

The compositions of the invention are, for example, effective against the phytopathogenic fungi of the following classes: Fungi imperfecti (e.g. *Botrytis, Pyricularia, Helminthosporium, Fusarium, Septoria, Cercospora* and *Alternaria*) and *Basidiomycetes* (e.g. *Rhizoctonia, Hemileia, Puccinia*). Additionally, they are also effective against the Ascomycetes classes (e.g. *Venturia* and *Erysiphe, Podosphaera, Monilinia, Uncinula*) and of the Oomycetes classes (e.g. *Phytophthora, Pythium, Plasmopara*). Outstanding activity has been observed against powdery mildew (*Erysiphe* spp.). Furthermore, the compositions of the invention are effective against phytopathogenic bacteria and viruses (e.g. against *Xanthomonas* spp, *Pseudomonas* spp, *Erwinia amylovora* as well as against the tobacco mosaic virus). Good activity has been observed against rust disease, like leaf rust (*Puccinia* spp.) and soybean rust (*Phakopsora pachyrhizi*).

Within the scope of the invention, useful plants to be protected typically comprise the following species of plants: cereal (wheat, barley, rye, oat, rice, maize, sorghum and related species); beet (sugar beet and fodder beet); pomes, drupes and soft fruit (apples, pears, plums, peaches, almonds, cherries, strawberries, raspberries and blackberries); leguminous plants (beans, lentils, peas, soybeans); oil plants (rape, mustard, poppy, olives, sunflowers, coconut, castor oil plants, cocoa beans, groundnuts); cucumber plants (pumpkins, cucumbers, melons); fiber plants (cotton, flax, hemp, jute); citrus fruit (oranges, lemons, grapefruit, mandarins); vegetables (spinach, lettuce, asparagus, cabbages, carrots, onions, tomatoes, potatoes, paprika); lauraceae (avocado, *cinnamomum*, camphor) or plants such as tobacco, nuts, coffee, eggplants, sugar cane, tea, pepper, vines, hops, bananas and natural rubber plants, as well as ornamentals and turf and grass species.

The toxin contained in the transgenic plants imparts to the plants tolerance to harmful insects. Such insects can occur in any taxonomic group of insects, but are especially commonly found in the beetles (Coleoptera), two-winged insects (Diptera) and butterflies (Lepidoptera).

Transgenic plants containing one or more genes that code for an insecticidal resistance and express one or more toxins are known and some of them are commercially available. Examples of such plants are: YieldGard® (maize variety that expresses a Cry1Ab toxin); YieldGard Rootworm® (maize variety that expresses a Cry3Bb1 toxin); YieldGard Plus® (maize variety that expresses a Cry1Ab and a Cry3Bb1 toxin); Starlink® (maize variety that expresses a Cry9 C toxin); Herculex I® (maize variety that expresses a Cry1Fa2 toxin and the enzyme phosphinothricine N-acetyltransferase (PAT) to achieve tolerance to the herbicide glufosinate ammonium); NuCOTN 33B® (cotton variety that expresses a Cry1Ac toxin); Bollgard I® (cotton variety that expresses a Cry1Ac toxin); Bollgard II® (cotton variety that expresses a Cry1Ac and a Cry2Ab toxin); VipCot® (cotton variety that expresses a Vip3A and a Cry1Ab toxin); NewLeaf® (potato variety that expresses a Cry3A toxin); NatureGard®, Agrisure® GT Advantage (GA21 glyphosate-tolerant trait), Agrisure® CB Advantage (Bt11 corn borer (CB) trait) and Protecta®.

Further examples of such transgenic crops are:

1. Bt11 Maize from Syngenta Seeds SAS, Chemin de l'Hobit 27, F-31 790 St. Sauveur, France, registration number C/FR/96/05/10. Genetically modified *Zea mays* which have been rendered resistant to attack by the European corn borer

(*Ostrinia nubilalis* and *Sesamia nonagrioides*) by transgenic expression of a truncated Cry1Ab toxin. Bt11 maize also transgenically expresses the enzyme PAT to achieve tolerance to the herbicide glufosinate ammonium.

2. Bt176 Maize from Syngenta Seeds SAS, Chemin de l'Hobit 27, F-31 790 St. Sauveur, France, registration number C/FR/96/05/10. Genetically modified *Zea mays* which have been rendered resistant to attack by the European corn borer (*Ostrinia nubilalis* and *Sesamia nonagrioides*) by transgenic expression of a Cry1Ab toxin. Bt176 maize also transgenically expresses the enzyme PAT to achieve tolerance to the herbicide glufosinate ammonium.

3. MIR604Maize from Syngenta Seeds SAS, Chemin de l'Hobit 27, F-31 790 St. Sauveur, France, registration number C/FR/96/05/10. Maize which has been rendered insect-resistant by transgenic expression of a modified Cry3A toxin. This toxin is Cry3A055 modified by insertion of a cathepsin-G-protease recognition sequence. The preparation of such transgenic maize plants is described in WO 03/018810.

4. MON 863 Maize from Monsanto Europe S.A. 270-272 Avenue de Tervuren, B-1150 Brussels, Belgium, registration number C/DE/02/9. MON 863 expresses a Cry3Bb1 toxin and has resistance to certain Coleoptera insects.

5. IPC 531 Cotton from Monsanto Europe S.A. 270-272 Avenue de Tervuren, B-1150 Brussels, Belgium, registration number C/ES/96/02.

6. 1507 Maize from Pioneer Overseas Corporation, Avenue Tedesco, 7 B-1160 Brussels, Belgium, registration number C/N L/00/10. Genetically modified maize for the expression of the protein Cry1 F for achieving resistance to certain Lepidoptera insects and of the PAT protein for achieving tolerance to the herbicide glufosinate ammonium.

7. NK603×MON 810 Maize from Monsanto Europe S.A. 270-272 Avenue de Tervuren, B-1150 Brussels, Belgium, registration number C/GB/02/M3/03. Consists of conventionally bred hybrid maize varieties by crossing the genetically modified varieties NK603 and MON 810. NK603× MON 810 Maize transgenically expresses the protein CP4 EPSPS, obtained from *Agrobacterium* sp. strain CP4, which imparts tolerance to the herbicide Roundup® (contains glyphosate), and also a Cry1Ab toxin obtained from *Bacillus thuringiensis* subsp. *kurstaki* which brings about tolerance to certain Lepidoptera, include the European corn borer.

The term "locus" of a useful plant as used herein is intended to embrace the place on which the useful plants are growing, where the plant propagation materials of the useful plants are sown or where the plant propagation materials of the useful plants will be placed into the soil. An example for such a locus is a field, on which crop plants are growing.

The term "plant propagation material" is understood to denote generative parts of the plant, such as seeds, which can be used for the multiplication of the latter, and vegetative material, such as cuttings or tubers, for example potatoes. There may be mentioned for example seeds (in the strict sense), roots, fruits, tubers, bulbs, rhizomes and parts of plants. Germinated plants and young plants which are to be transplanted after germination or after emergence from the soil, may also be mentioned. These young plants may be protected before transplantation by a total or partial treatment by immersion. Preferably "plant propagation material" is understood to denote seeds.

Components A and B can be used in unmodified form or, preferably, together with carriers and adjuvants conventionally employed in the art of formulation.

To this components A and B and inert carriers are conveniently formulated in known manner to emulsifiable concentrates, coatable pastes, directly sprayable or dilutable solutions, dilute emulsions, wettable powders, soluble powders, dusts, granulates, and also encapsulations e.g. in polymeric substances. As with the type of the compositions, the methods of application, such as spraying, atomizing, dusting, scattering, coating or pouring, are chosen in accordance with the intended objectives and the prevailing circumstances. The compositions may also contain further adjuvants such as stabilizers, antifoams, viscosity regulators, binders or tackifiers as well as fertilizers, micronutrient donors or other formulations for obtaining special effects.

Suitable carriers and adjuvants can be solid or liquid and are substances useful in formulation technology, e.g. natural or regenerated mineral substances, solvents, dispersants, wetting agents, tackifiers, thickeners, binders or fertilizers. Such carriers are for example described in WO 97/33890.

The compositions of the invention can be applied to the locus of the plant or plant to be treated, simultaneously or in succession with further compounds. These further compounds can be e.g. fertilizers or micronutrient donors or other preparations which influence the growth of plants. They can also be herbicides as well as insecticides, fungicides, bactericides, nematicides, molluscicides or mixtures of several of these preparations, if desired together with further carriers, surfactants or application promoting adjuvants customarily employed in the art of formulation. Suitable further compounds are described in WO2008/101682.

A preferred method of the invention is foliar application. The frequency of application and the rate of application will depend on the risk of infestation by the corresponding pathogen. However, the compositions of the invention can also penetrate the plant through the roots via the soil (systemic action) by drenching the locus of the plant with a liquid formulation, or by applying the compounds in solid form to the soil, e.g. in granular form (soil application). In crops of water rice such granulates can be applied to the flooded rice field. The compositions of the invention may also be applied to seeds (coating) by impregnating the seeds or tubers either with a liquid formulation of the fungicide or coating them with a solid formulation.

A formulation, i.e. a composition of the invention and, if desired, comprising a solid or liquid adjuvant, is prepared in a known manner, typically by intimately mixing and/or grinding the compound with extenders, for example solvents, solid carriers and, optionally, surface-active compounds (surfactants).

The agrochemical formulations will usually contain from 0.1 to 99% by weight, preferably from 0.1 to 95% by weight, of the active ingredients, 99.9 to 1% by weight, preferably 99.8 to 5% by weight, of a solid or liquid adjuvant, and from 0 to 25% by weight, preferably from 0.1 to 25% by weight, of a surfactant.

Whereas it is preferred to formulate commercial products as concentrates, the end user will normally use dilute formulations.

Advantageous rates of application are normally from 1 g to 2 kg of active ingredient (a.i.) per hectare (ha), preferably from 10 g to 1 kg a.i./ha, most preferably from 20 g to 600 g a.i./ha. When used as seed drenching agent, convenient rates of application are from 10 mg to 1 g of active substance per kg of seeds. The rate of application for the desired action can be determined by experiments. It depends for example on the type of action, the developmental stage of the useful plant, and on the application (location, timing, application method) and can, owing to these parameters, vary within wide limits.

Said methods are particularly effective against the phytopathogenic organisms of the kingdom Fungi, phylum Basidiomycot, class Uredinomycetes, subclass Urediniomycetidae

and the order Uredinales (commonly referred to as rusts). Species of rusts having a particularly large impact on agriculture include those of the family Phakopsoraceae, particularly those of the genus *Phakopsora*, for example *Phakopsora pachyrhizi*, which is also referred to as Asian soybean rust, and those of the family Pucciniaceae, particularly those of the genus *Puccinia* such as *Puccinia graminis*, also known as stem rust or black rust, which is a problem disease in cereal crops and *Puccinia recondita*, also known as brown rust.

The compositions of the invention are effective against various microbial species able to cause a microbial infection in an animal. Examples of such microbial species are those causing Aspergillosis such as *Aspergillus fumigatus, A. flavus, A. terrus, A. nidulans* and *A. niger*, those causing Blastomycosis such as *Blastomyces dermatitidis*; those causing Candidiasis such as *Candida albicans, C. glabrata, C. tropicalis, C. parapsilosis, C. krusei* and *C. lusitaniae*; those causing Coccidioidomycosis such as *Coccidioides immitis*; those causing Cryptococcosis such as *Cryptococcus neoformans*; those causing Histoplasmosis such as *Histoplasma capsulatum* and those causing Zygomycosis such as *Absidia corymbifera, Rhizomucor pusillus* and *Rhizopus arrhizus*. Further examples are *Fusarium* Spp such as *Fusarium oxysporum* and *Fusarium solani* and *Scedosporium* Spp such as *Scedosporium apiospermum* and *Scedosporium prolificans*. Still further examples are Microsporum Spp, *Trichophyton* Spp, *Epidermophyton* Spp, *Mucor* Spp, *Sporothorix* Spp, *Phialophora* Spp, *Cladosporium* Spp, *Petriellidium* spp, *Paracoccidioides* Spp and *Histoplasma* Spp.

The following table provides a selection of compounds of the invention

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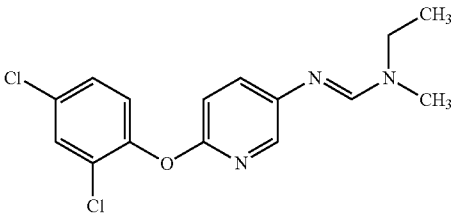
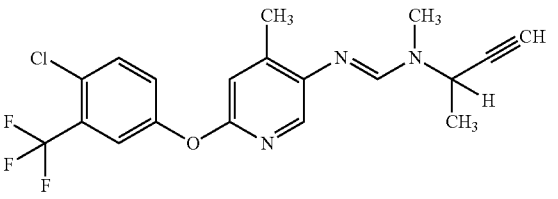
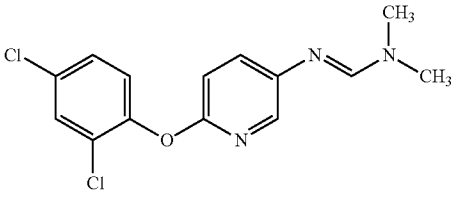
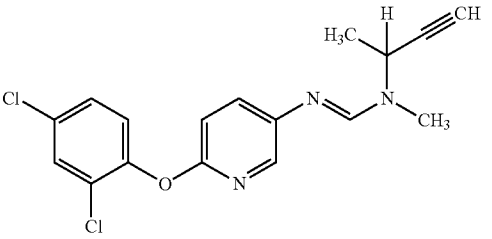
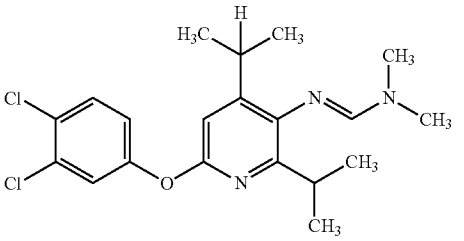
P.01	
P.02	
P.03	
P.04	
P.05	

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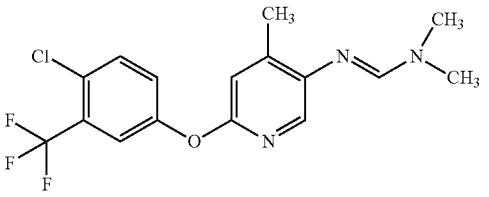
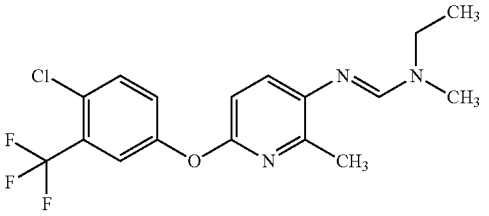
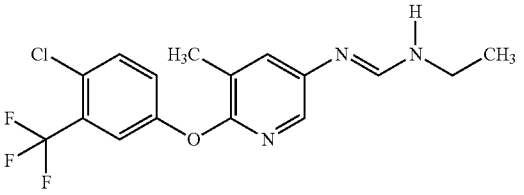
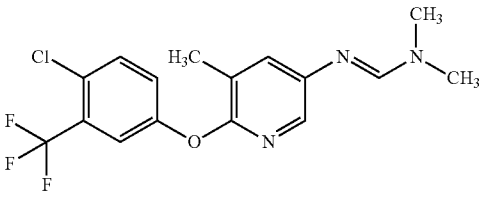
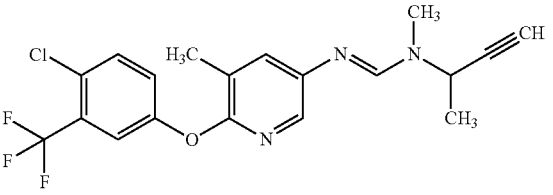
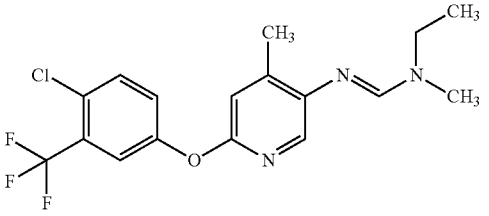
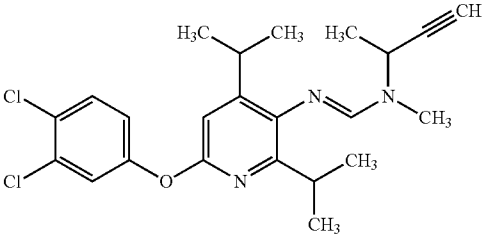
P.06	
P.07	
P.08	
P.09	
P.10	
P.11	
P.12	

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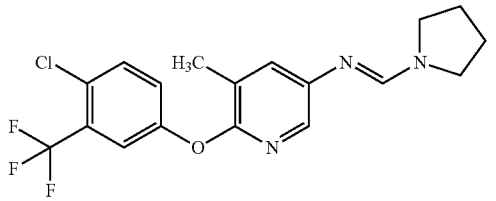
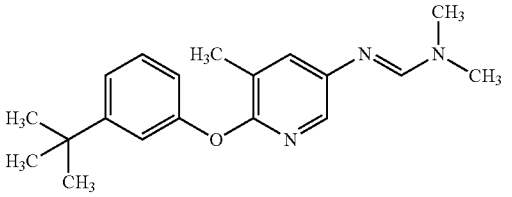
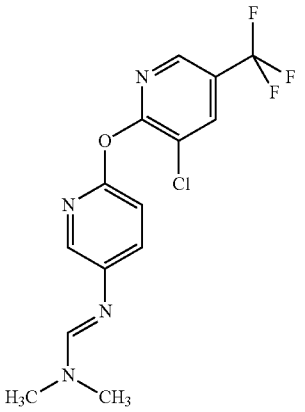
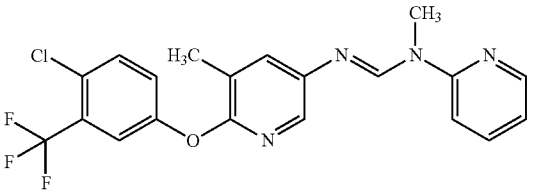
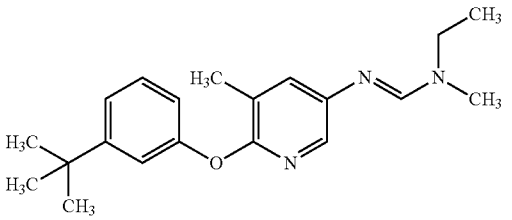
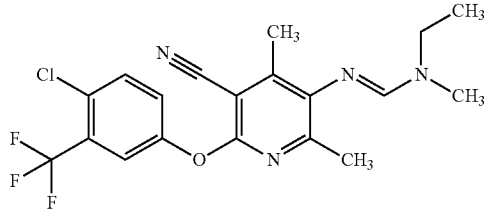
P.13	
P.14	
P.15	
P.16	
P.17	
P.18	

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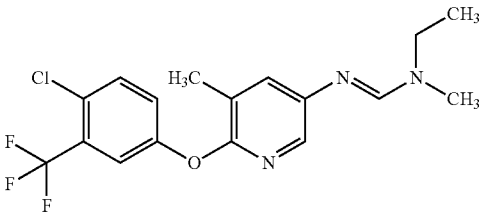
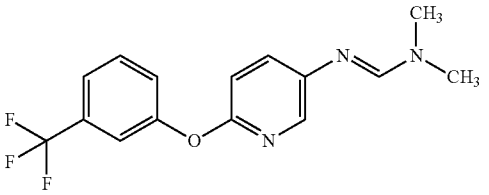
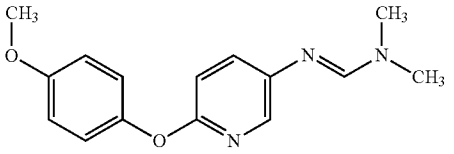
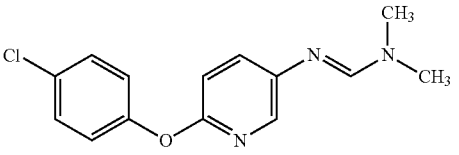
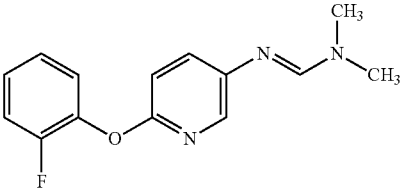
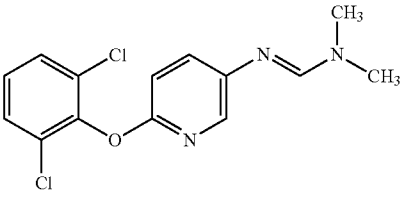
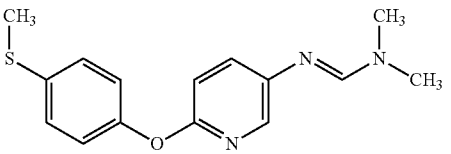
P.19	
P.20	
P.21	
P.22	
P.23	
P.24	
P.25	

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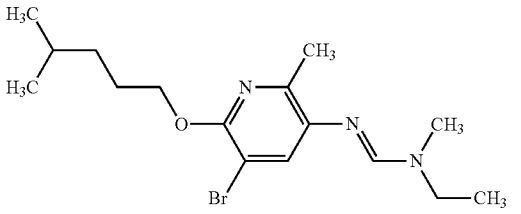
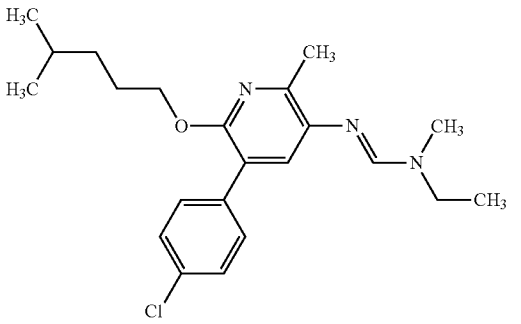
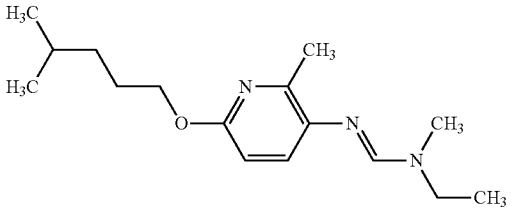
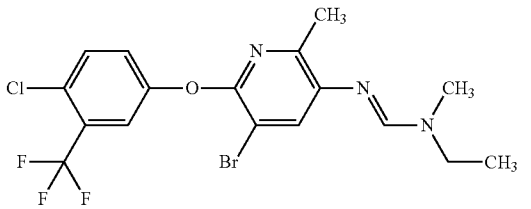
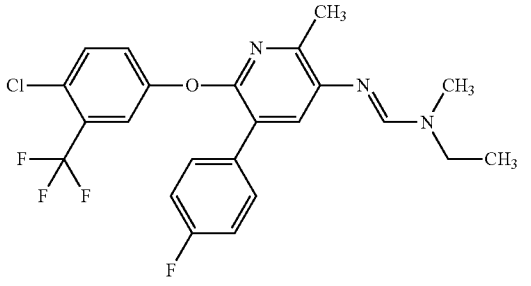
P.26	
P.27	
P.28	
P.29	
P.30	

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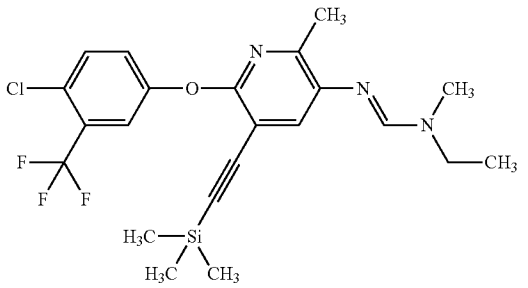
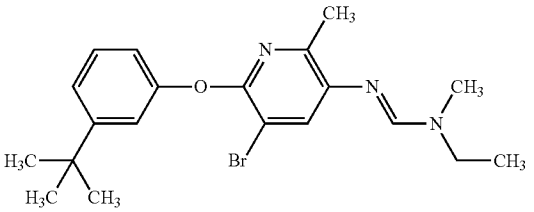
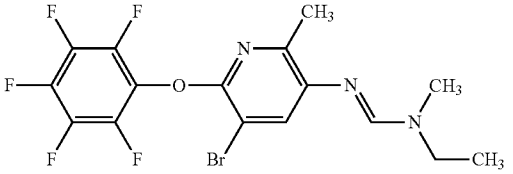
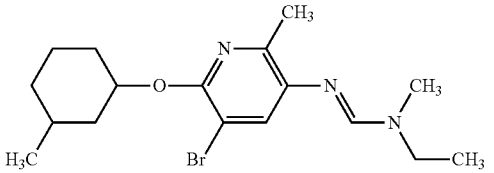
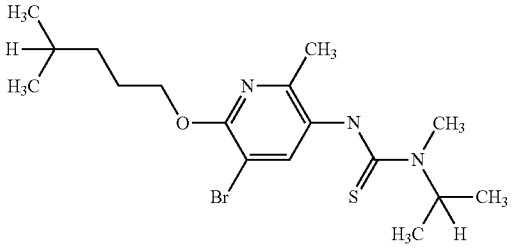
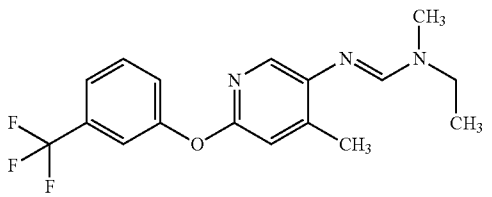
P.31	
P.32	
P.33	
P.34	
P.35	
P.36	

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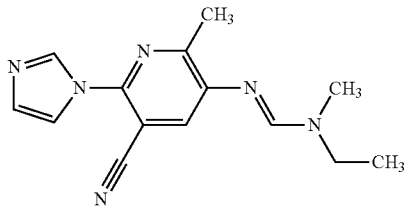
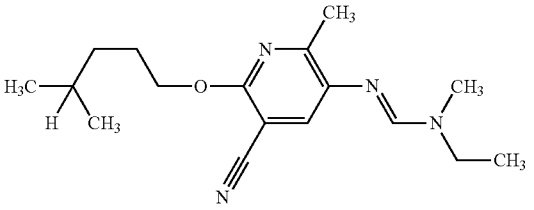
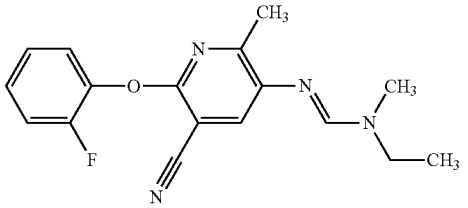
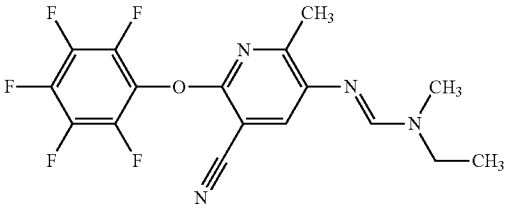
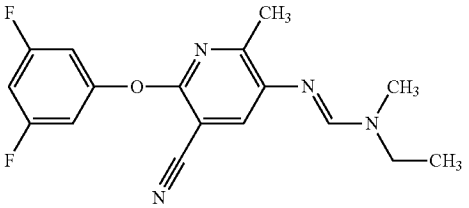
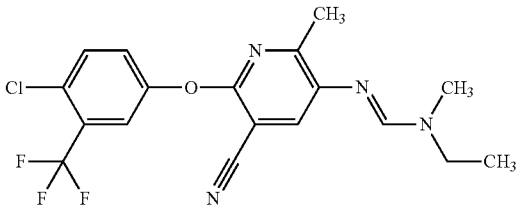
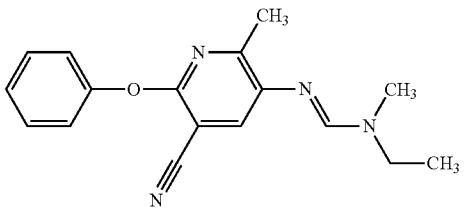
Cpd No.	Structure
P.37	
P.38	
P.39	
P.40	
P.41	
P.42	
P.43	

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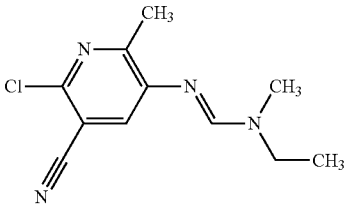
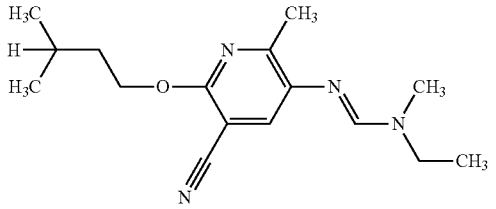
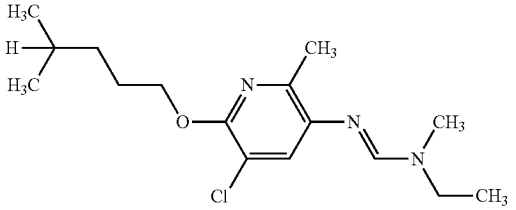
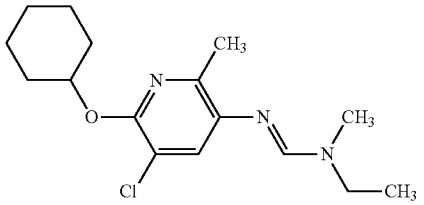
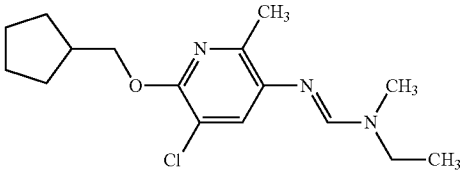
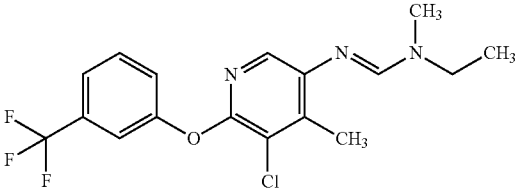
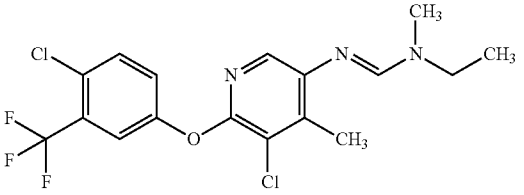
Cpd No.	Structure
P.44	
P.45	
P.46	
P.47	
P.48	
P.49	
P.50	

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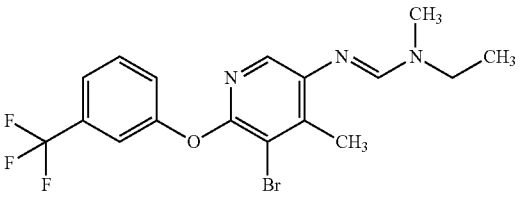
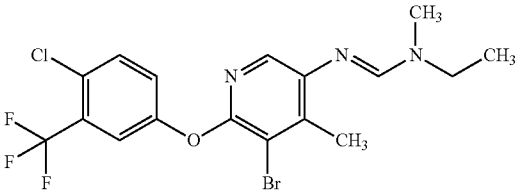
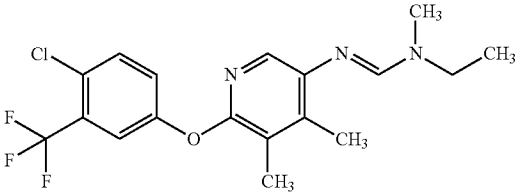
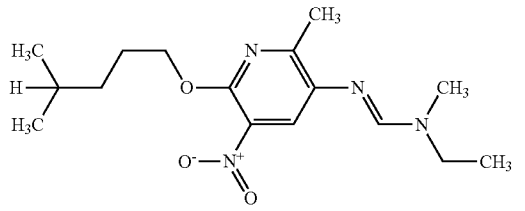
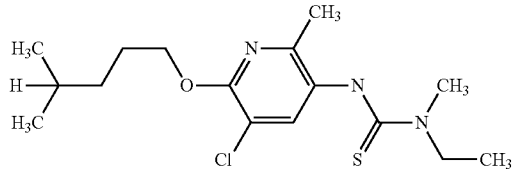
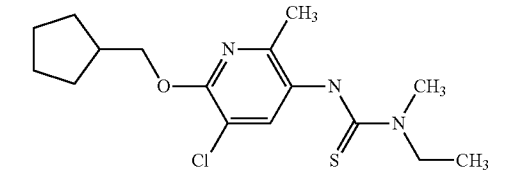
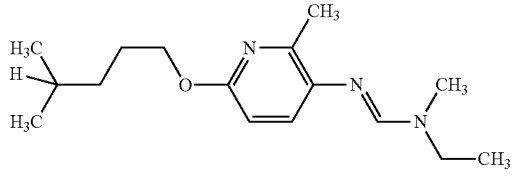
Cpd No.	Structure
P.51	
P.52	
P.53	
P.54	
P.55	
P.56	
P.57	

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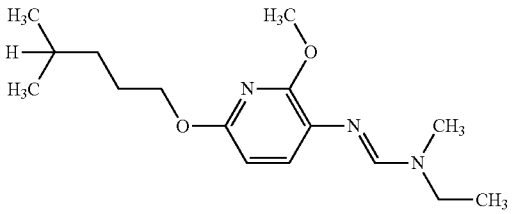
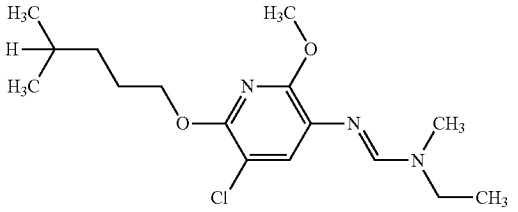
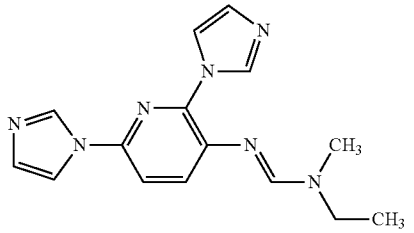
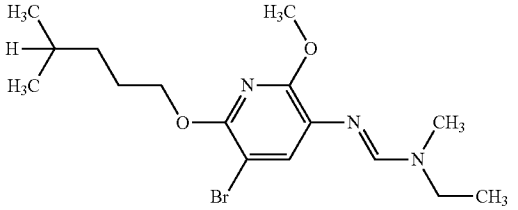
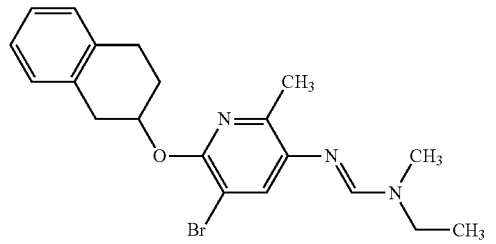
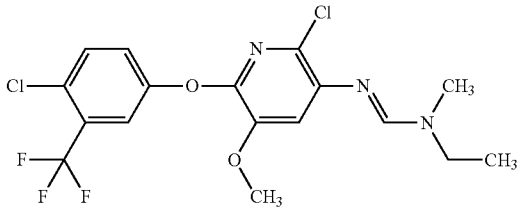
Cpd No.	Structure
P.58	
P.59	
P.60	
P.61	
P.62	
P.63	

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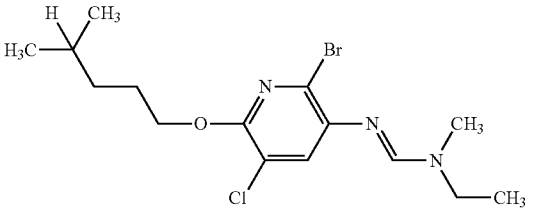
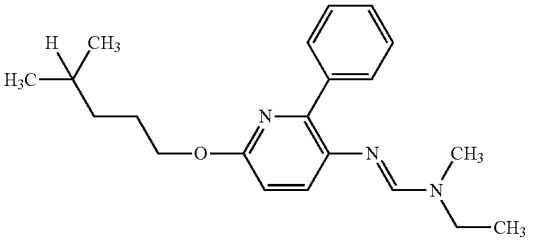
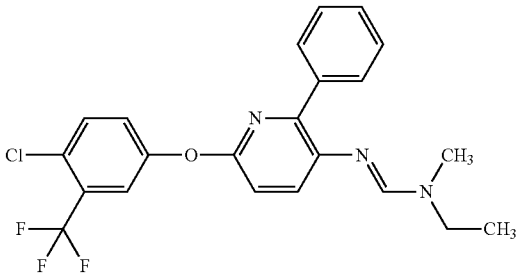
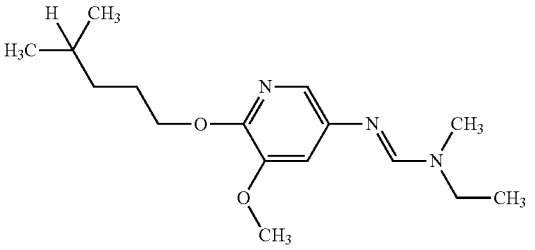
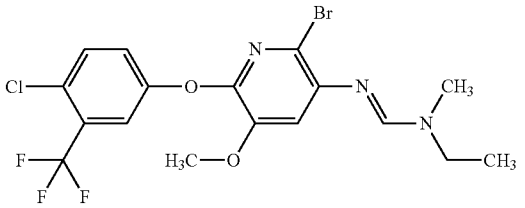
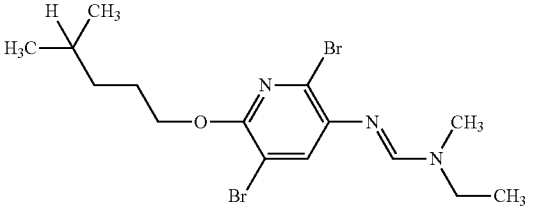
Cpd No.	Structure
P.64	
P.65	
P.66	
P.67	
P.68	
P.69	

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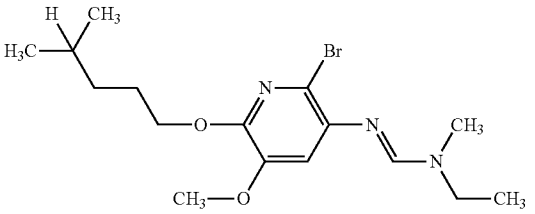
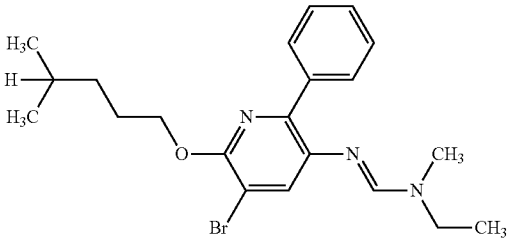
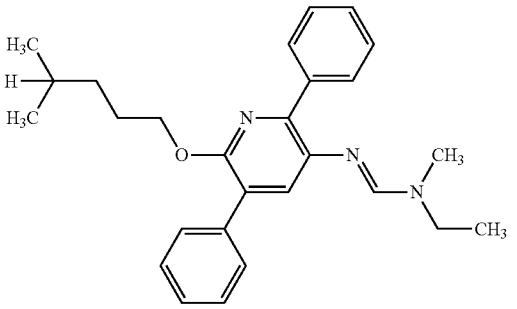
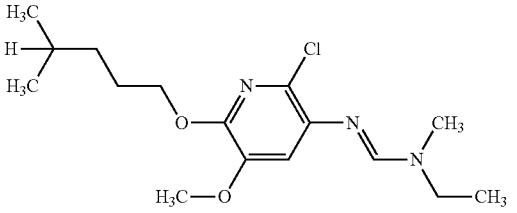
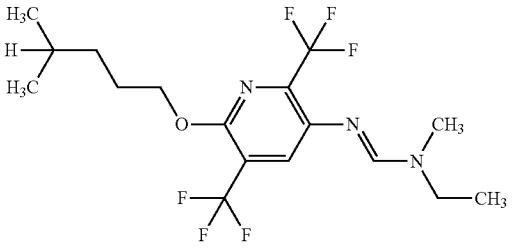
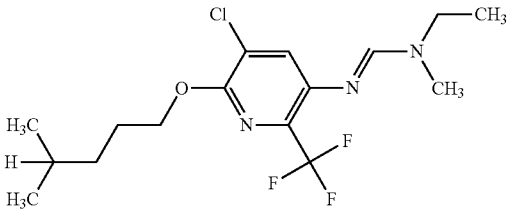
Cpd No.	Structure
P.70	
P.71	
P.72	
P.73	
P.74	
P.75	

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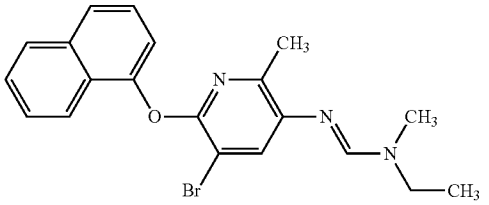
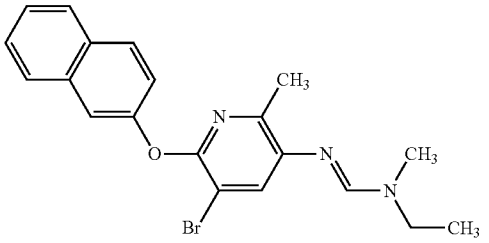
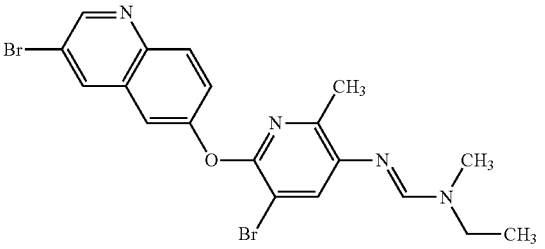
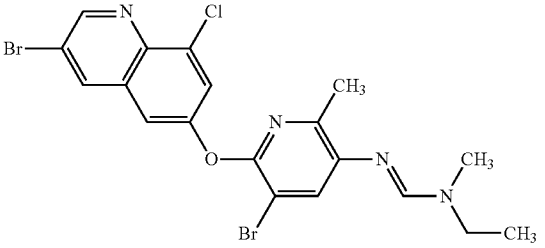
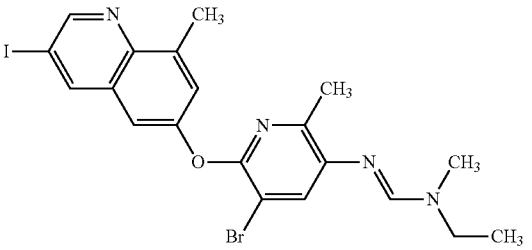
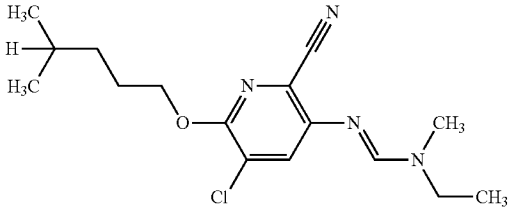
Cpd No.	Structure
P.76	
P.77	
P.78	
P.79	
P.80	
P.81	

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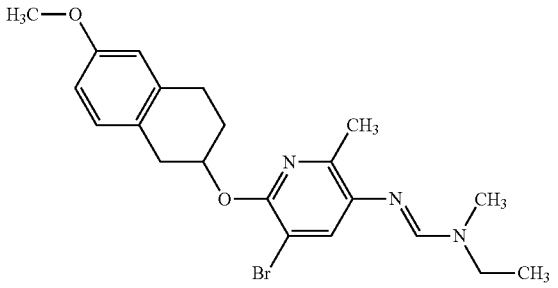
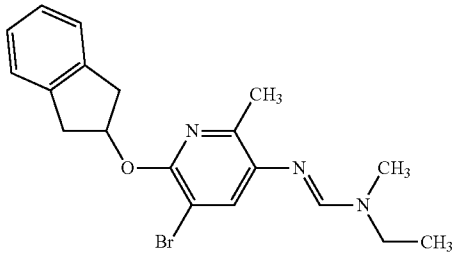
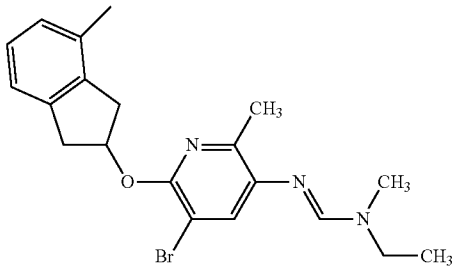
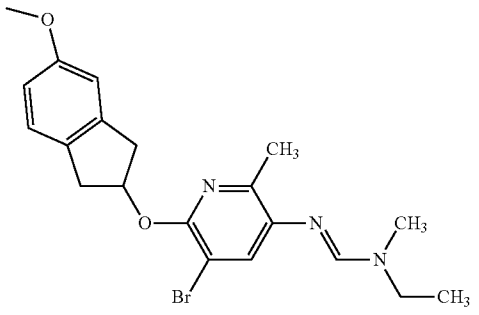
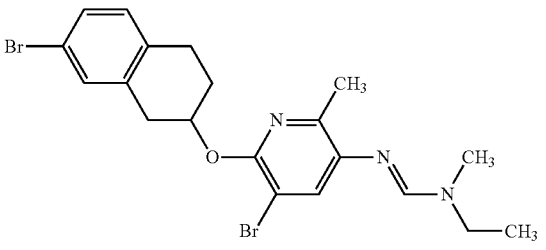
Cpd No.	Structure
P.82	
P.83	
P.84	
P.85	
P.86	

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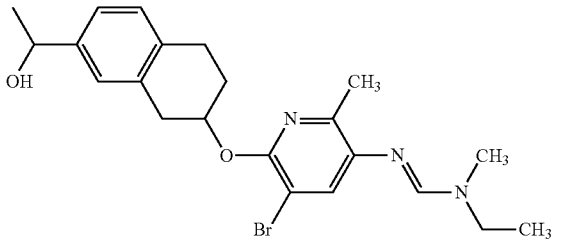
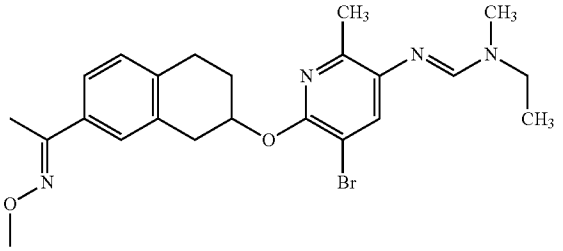
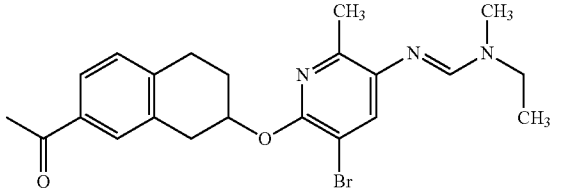
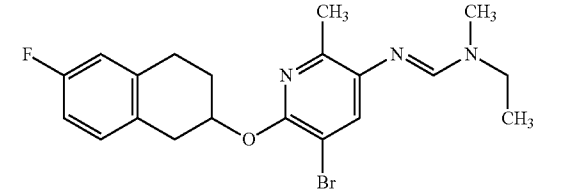
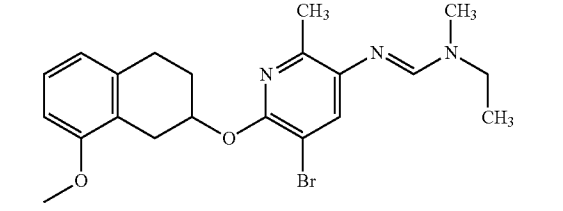
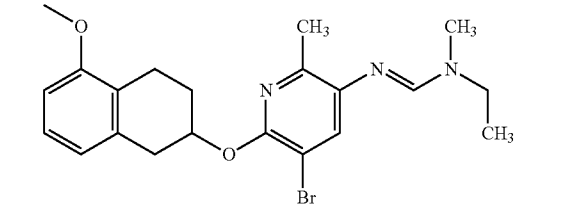
Cpd No.	Structure
P.87	
P.88	
P.89	
P.90	
P.91	
P.92	

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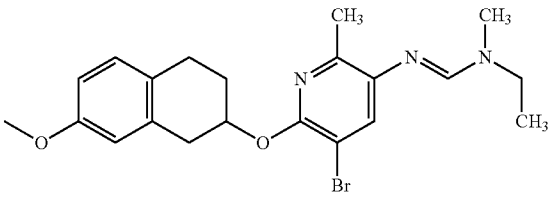
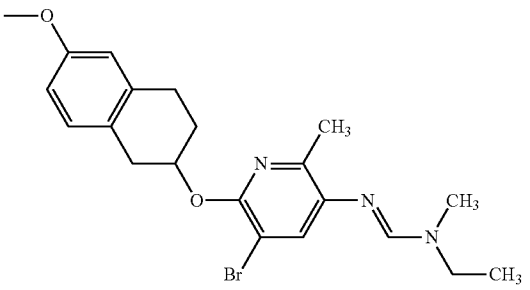
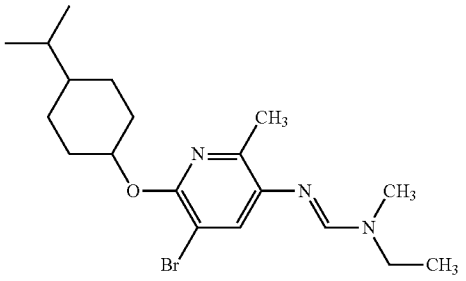
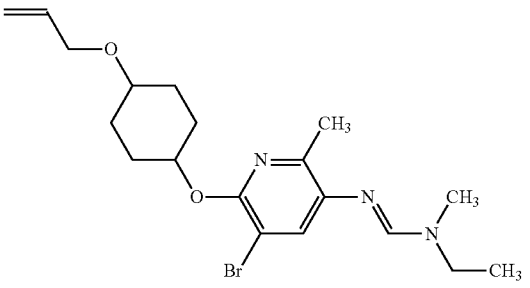
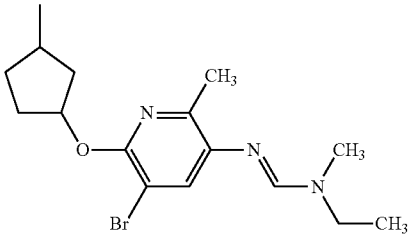
Cpd No.	Structure
P.93	
P.94	
P.95	
P.96	
P.97	

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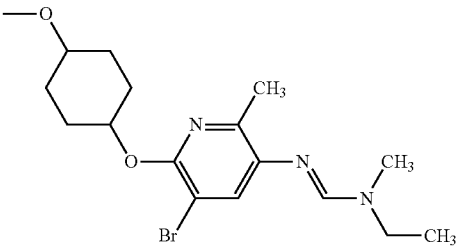
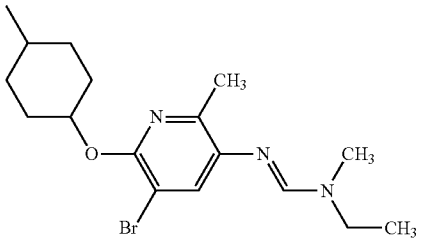
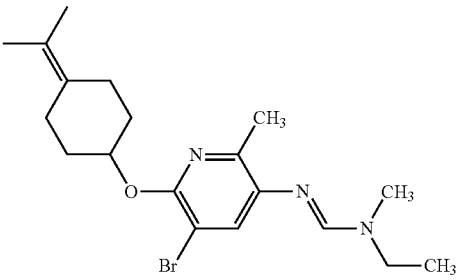
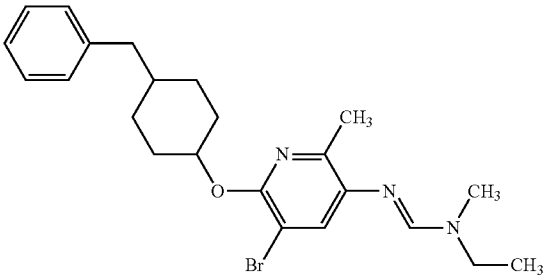
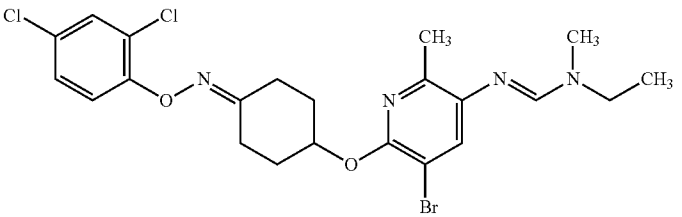
Cpd No.	Structure
P.98	
P.99	
P.100	
P.101	
P.101a	

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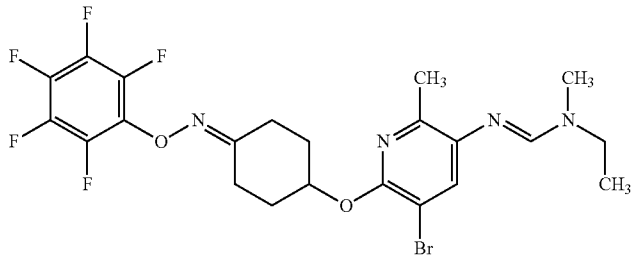
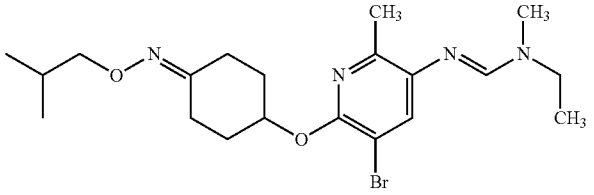
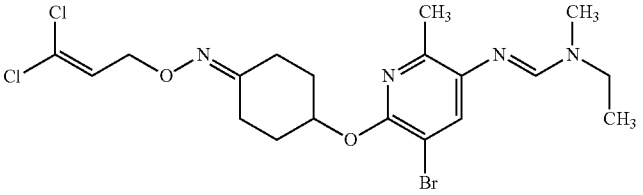
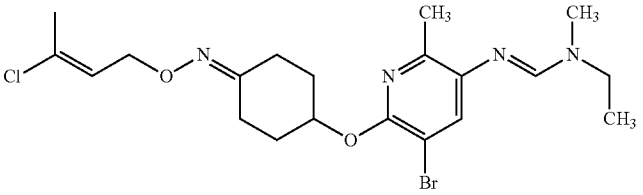
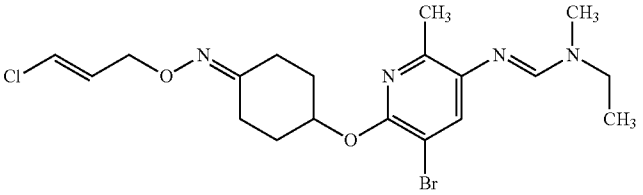
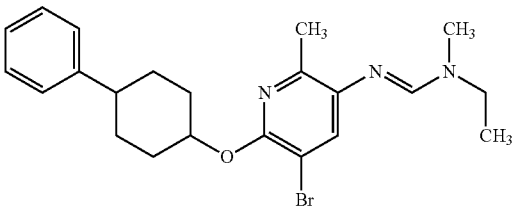
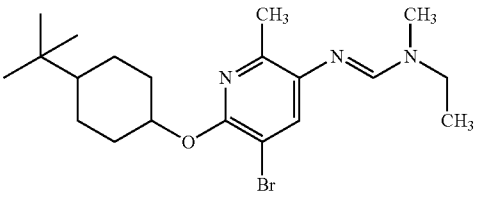
Cpd No.	Structure
P.102	
P.103	
P.104	
P.105	
P.106	
P.107	
P.108	

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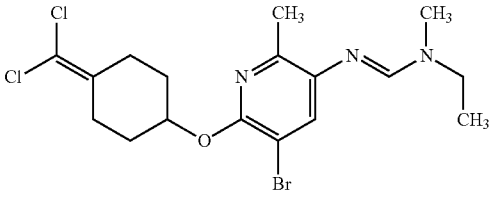
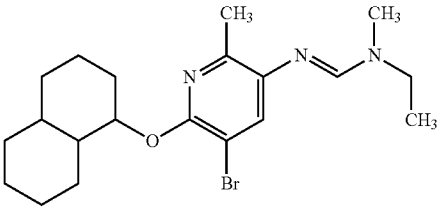
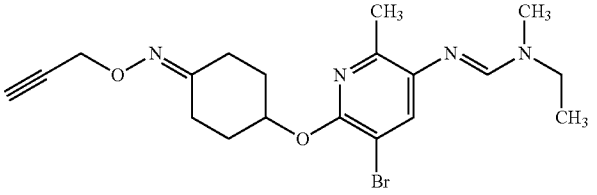
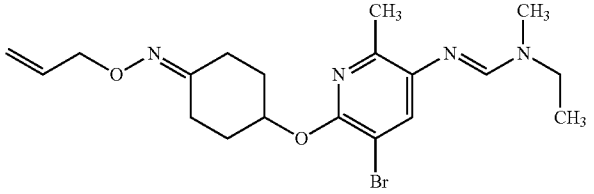
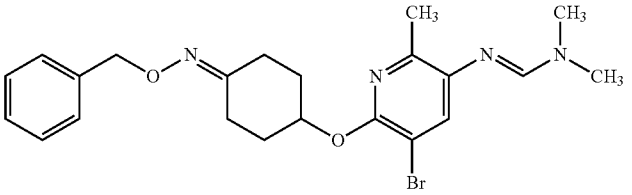
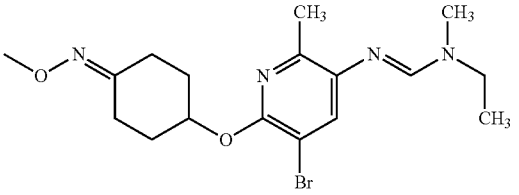
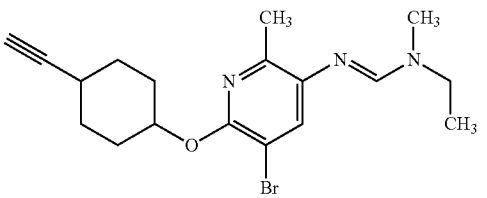
Cpd No.	Structure
P.109	
P.110	
P.111	
P.112	
P.113	
P.114	
P.115	

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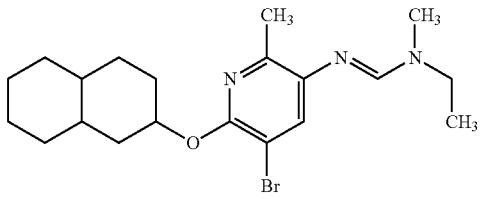
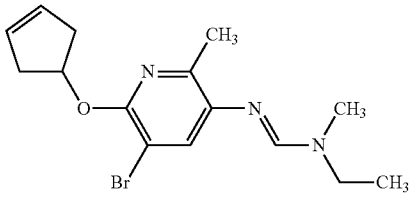
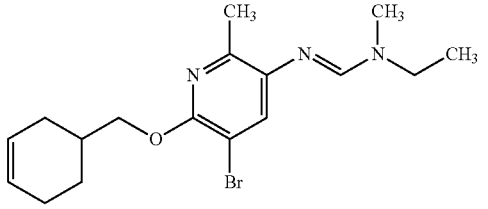
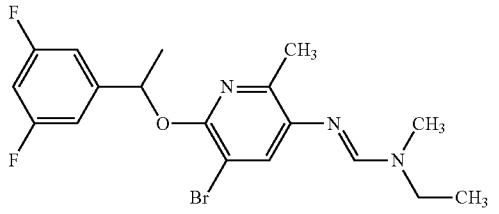
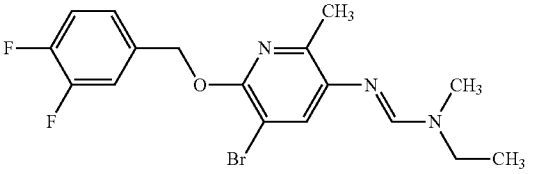
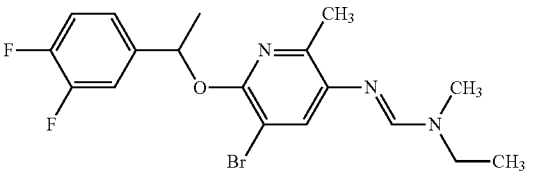
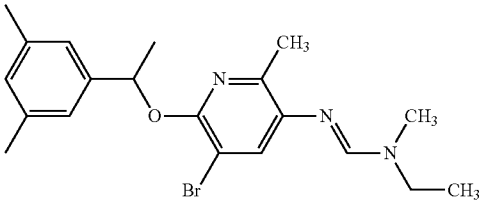
Cpd No.	Structure
P.116	
P.117	
P.118	
P.119	
P.120	
P.121	
P.122	

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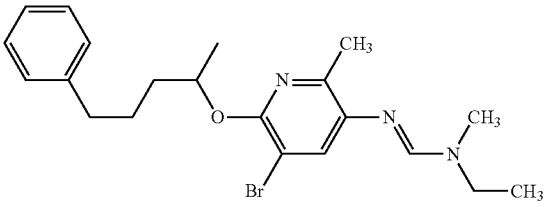
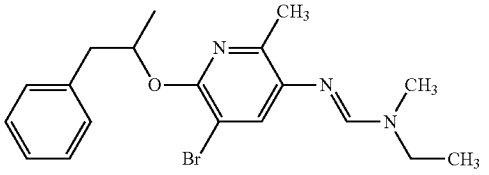
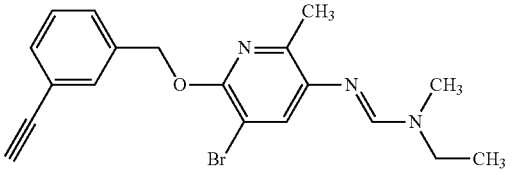
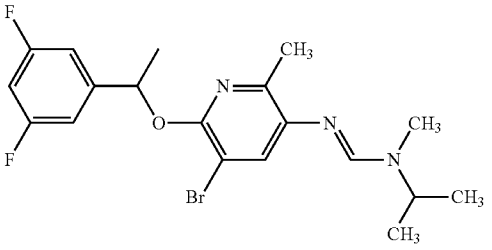
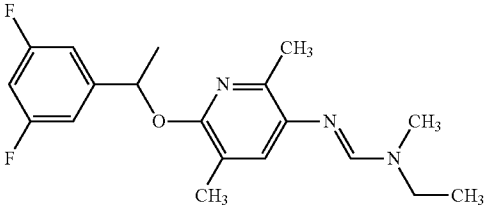
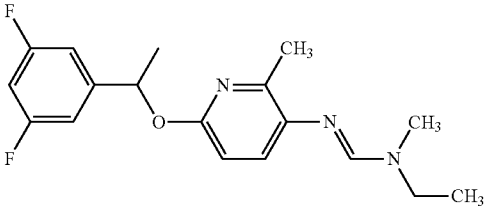
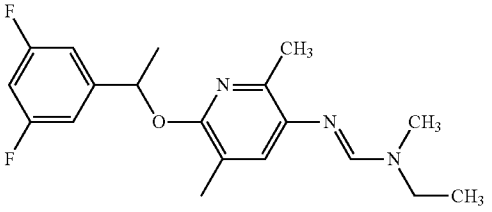
Cpd No.	Structure
P.123	
P.124	
P.125	
P.126	
P.127	
P.128	
P.129	

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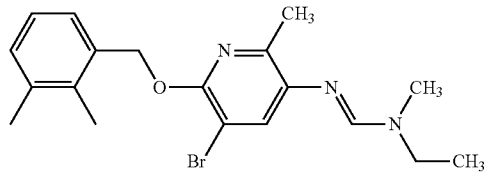
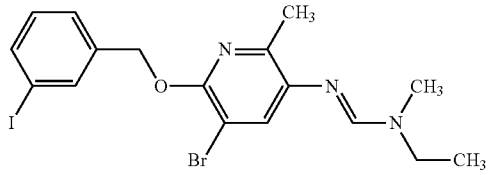
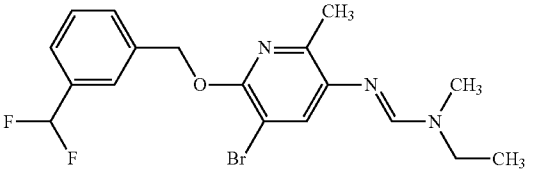
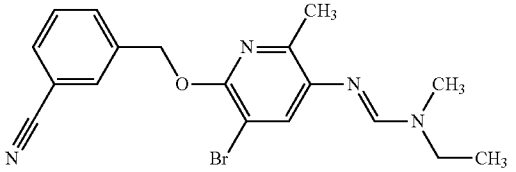
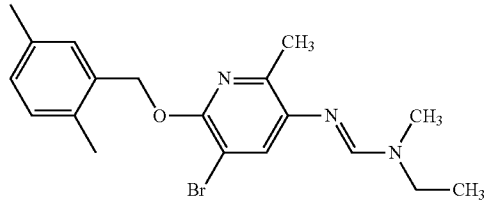
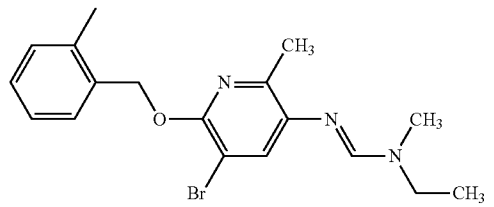
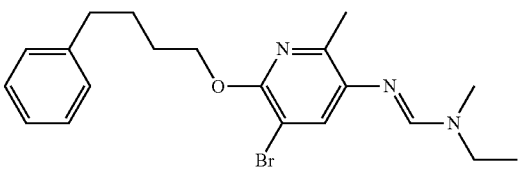
Cpd No.	Structure
P.130	
P.131	
P.132	
P.133	
P.134	
P.135	
P.136	

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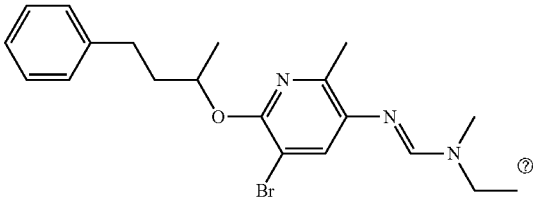
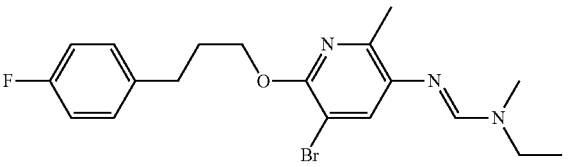
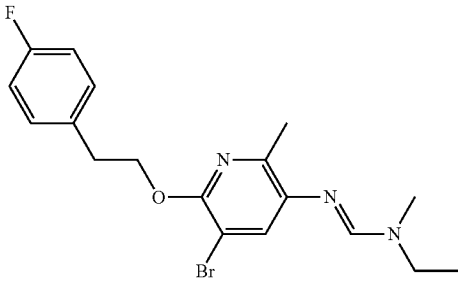
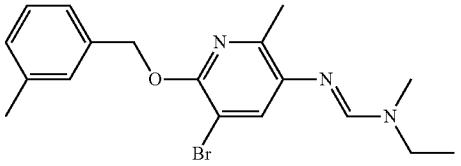
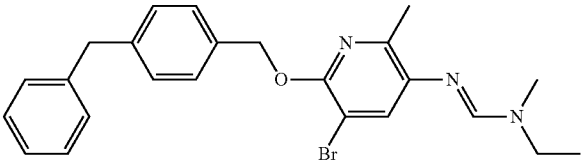
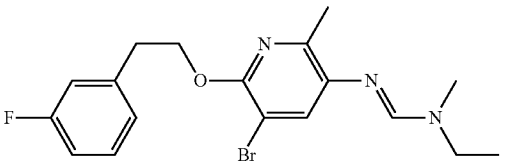
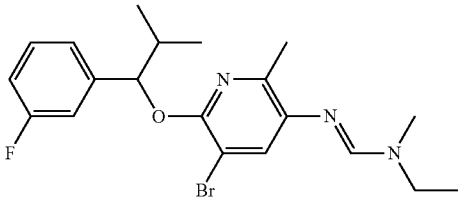
Cpd No.	Structure
P.137	
P.138	
P.139	
P.140	
P.141	
P.142	
P.143	

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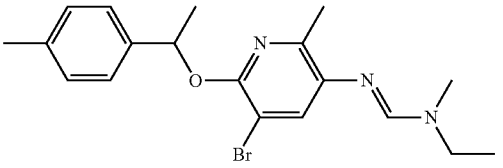
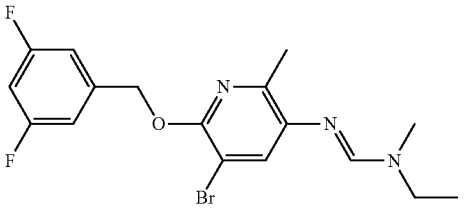
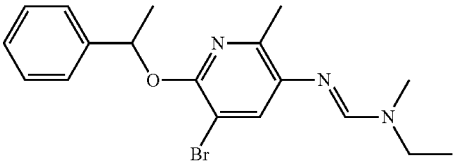
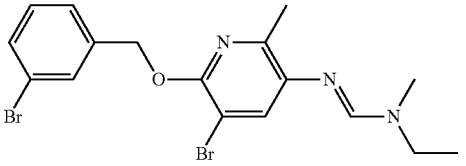
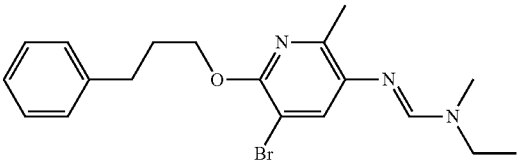
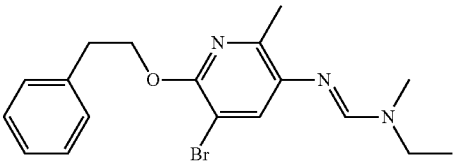
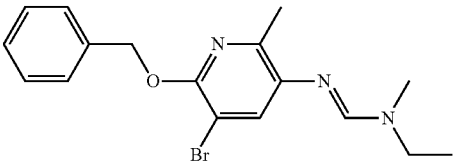
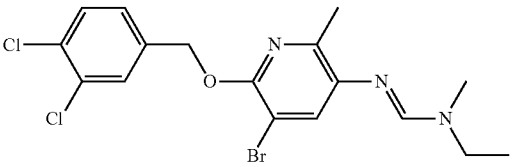
Cpd No.	Structure
P.145	
P.146	
P.147	
P.148	
P.149	
P.150	
P.151	
P.152	

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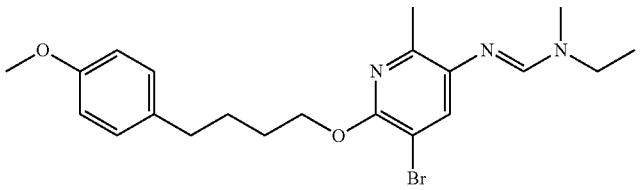
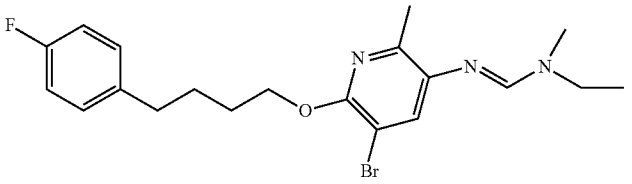
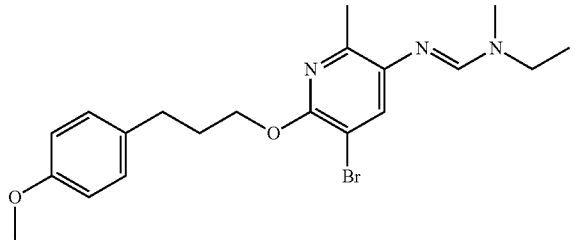
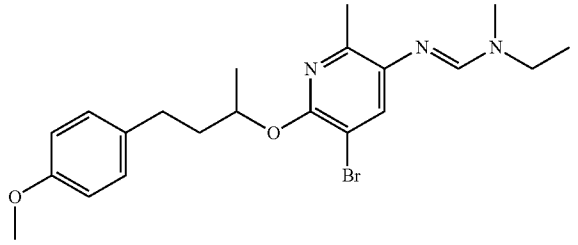
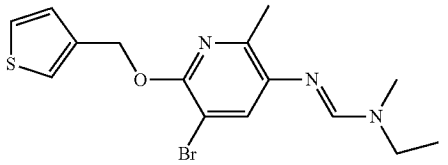
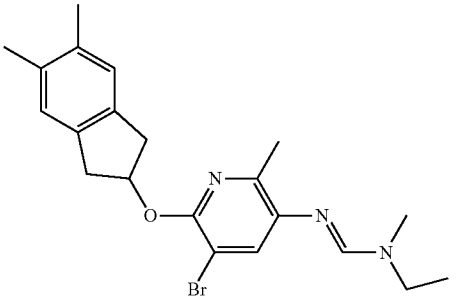
Cpd No.	Structure
P.153	
P.154	
P.155	
P.156	
P.157	
P.158	

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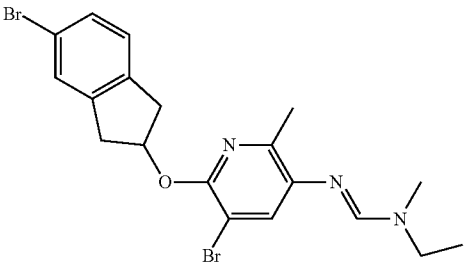
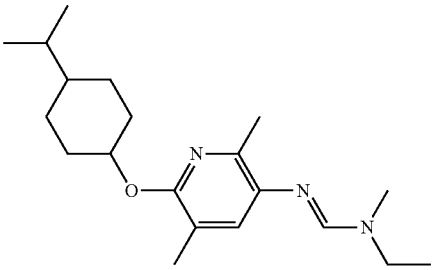
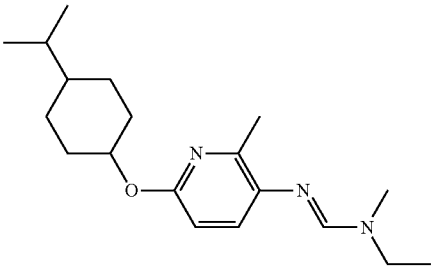
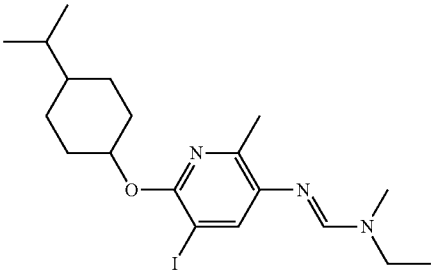
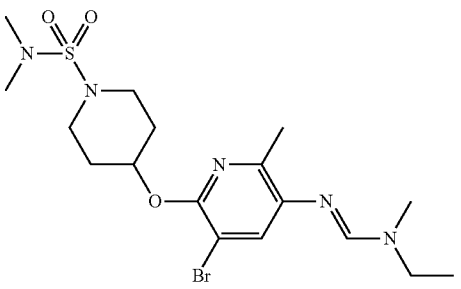
Cpd No.	Structure
P.159	
P.160	
P.161	
P.162	
P.163	

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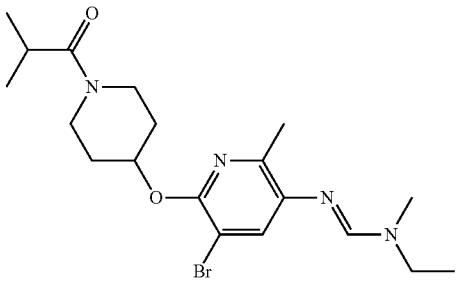
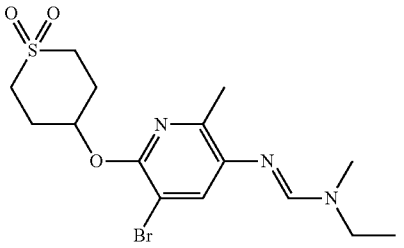
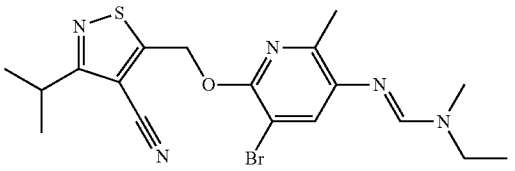
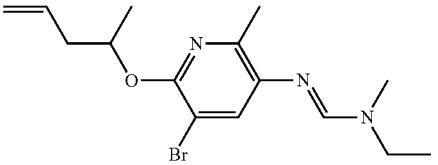
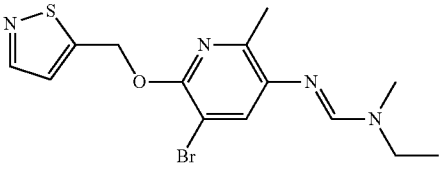
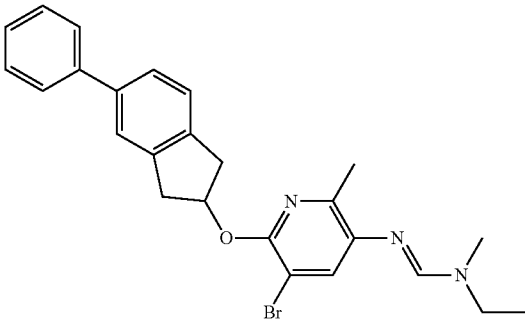
Cpd No.	Structure
P.164	
P.165	
P.166	
P.167	
P.168	
P.169	

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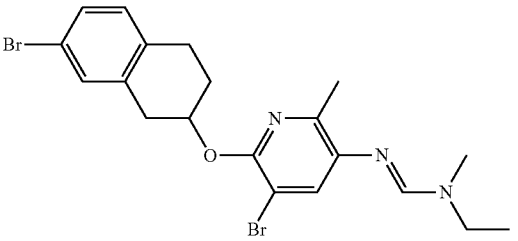
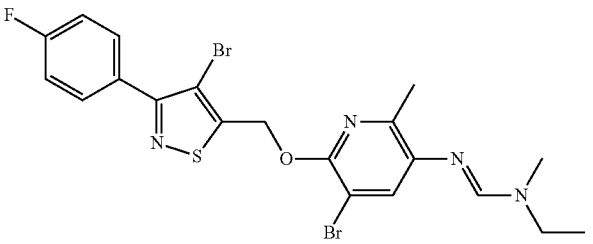
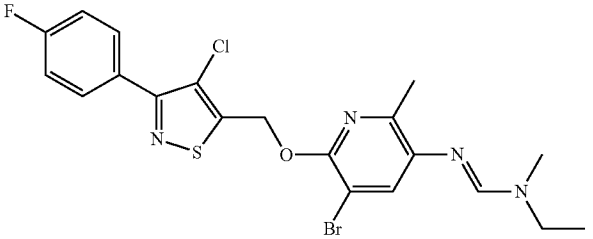
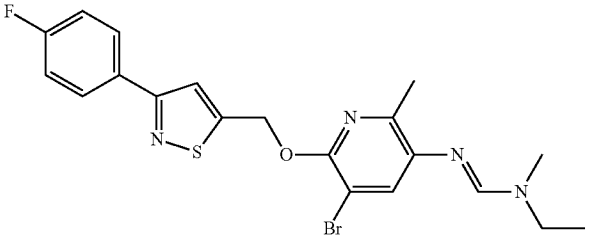
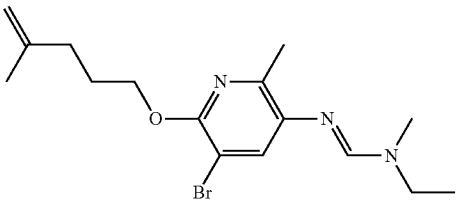
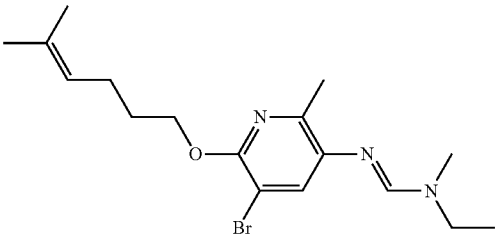
Cpd No.	Structure
P.170	
P.171	
P.172	
P.173	
P.174	
P.175	

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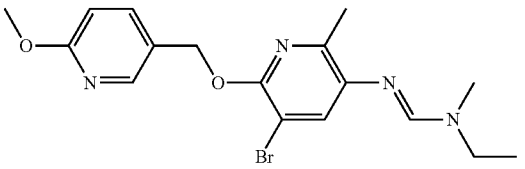
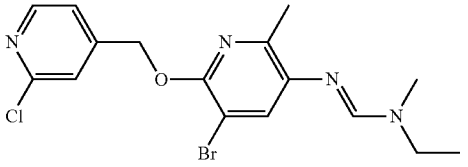
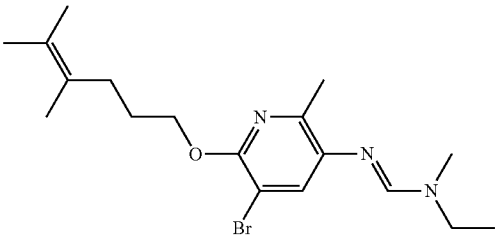
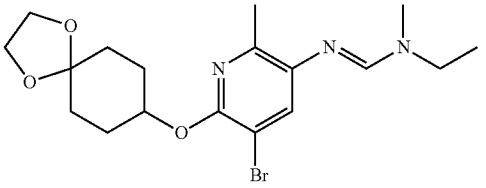
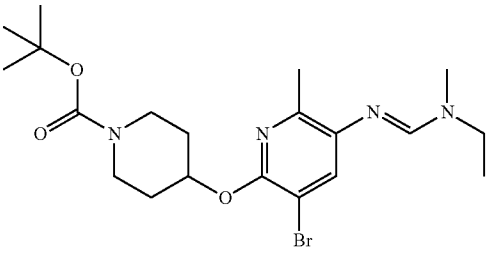
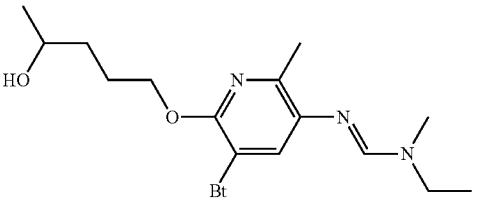
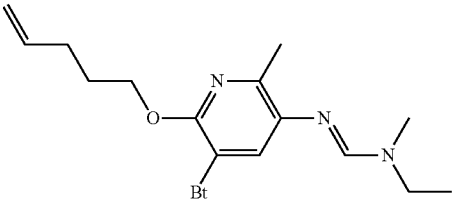
Cpd No.	Structure
P.176	
P.177	
P.178	
P.179	
P.180	
P.181	
P.182	

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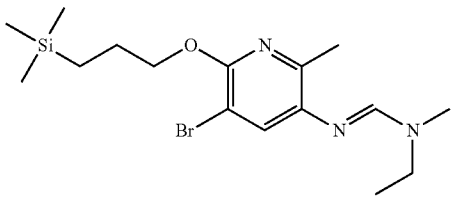
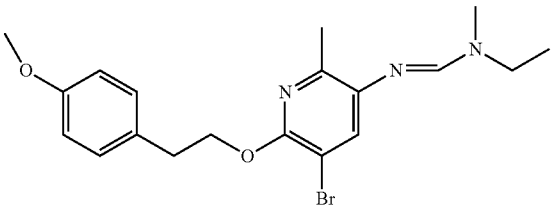
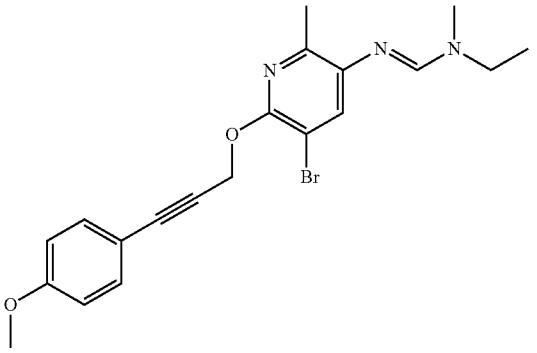
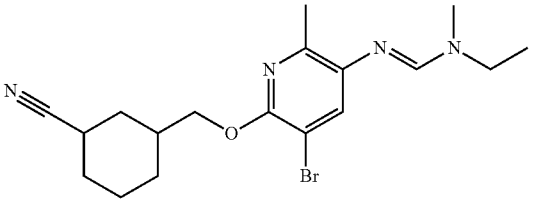
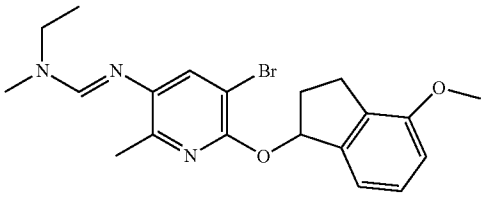
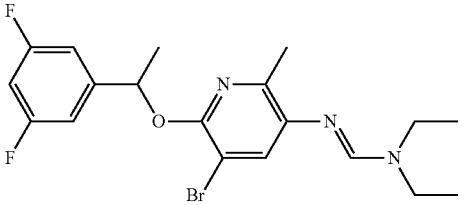
Cpd No.	Structure
P.183	
P.184	
P.185	
P.186	
P.187	
P.188	

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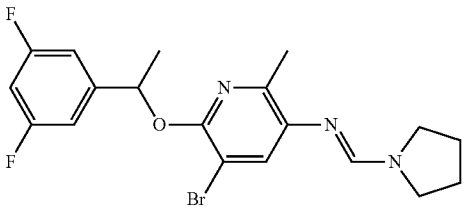
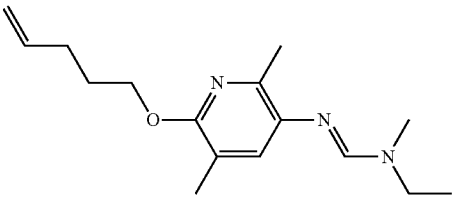
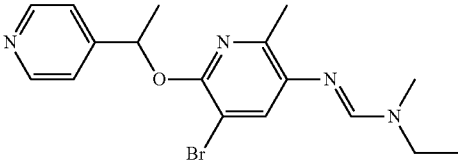
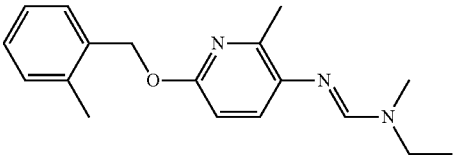
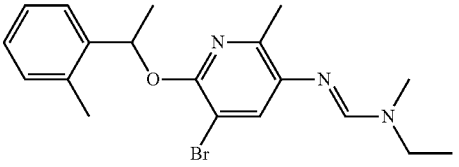
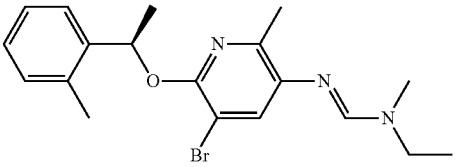
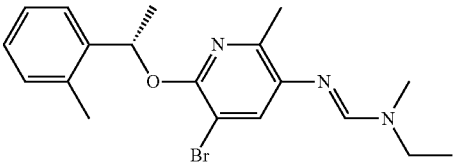
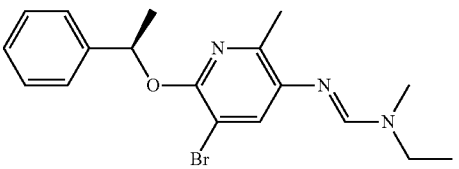
Cpd No.	Structure
P.189	
P.190	
P.191	
P.192	
P.193	
P.194	
P.195	
P.196	

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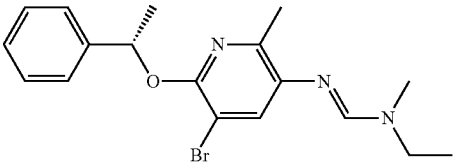
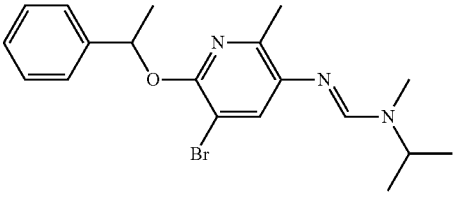
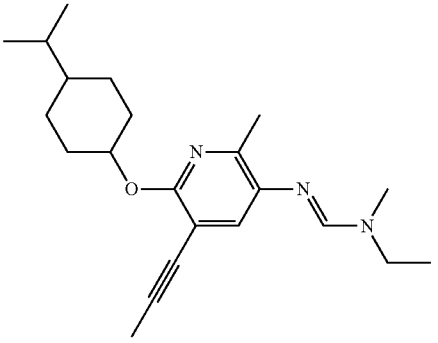
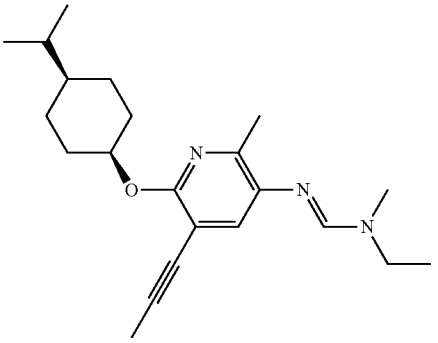
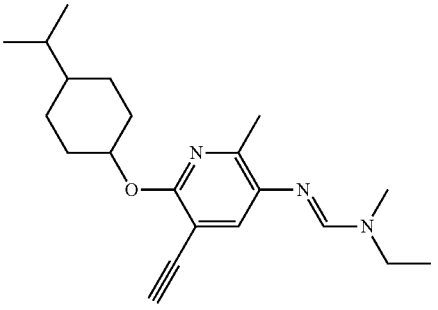
Cpd No.	Structure
P.197	
P.198	
P.199	
P.200	
P.201	

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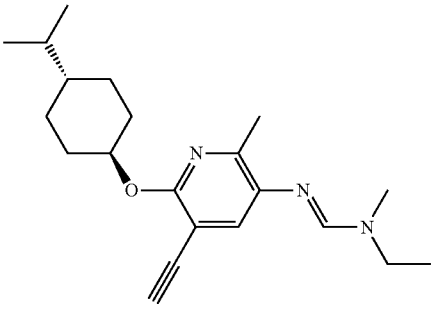
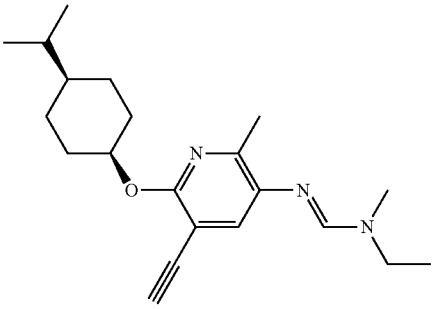
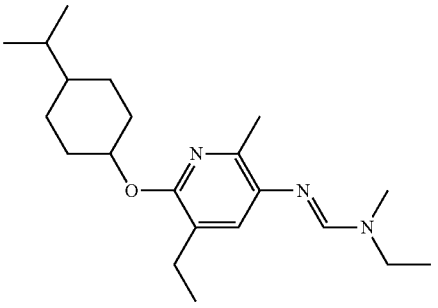
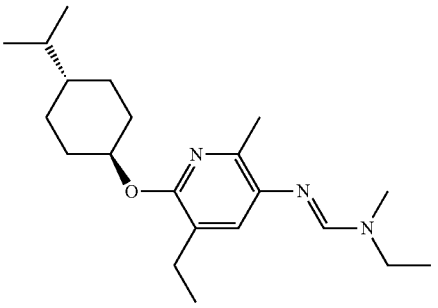
Cpd No.	Structure
P.202	
P.203	
P.204	
P.205	

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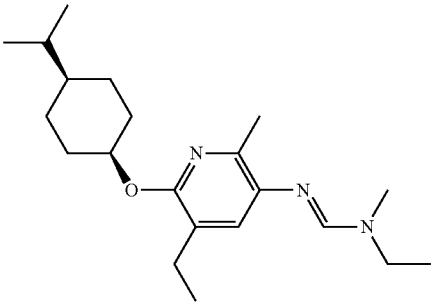
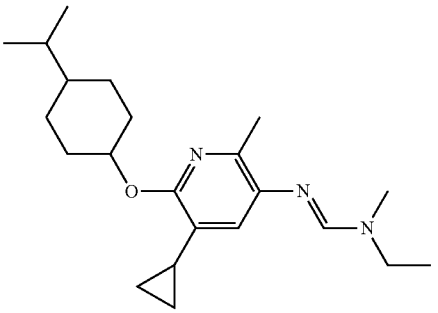
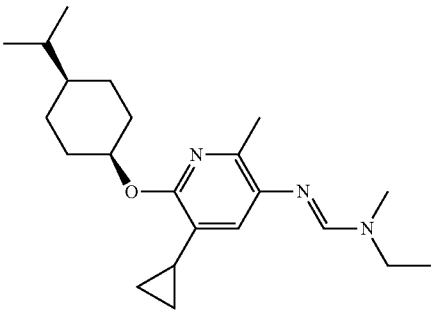
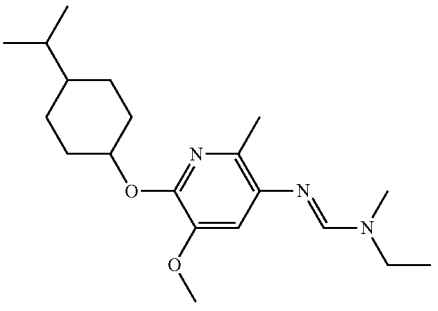
Cpd No.	Structure
P.206	
P.207	
P.208	
P.209	

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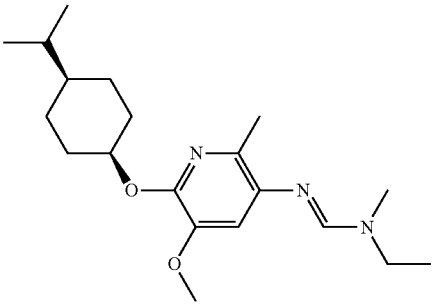
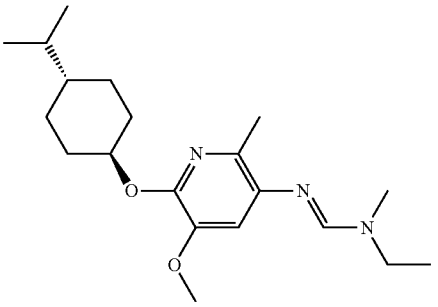
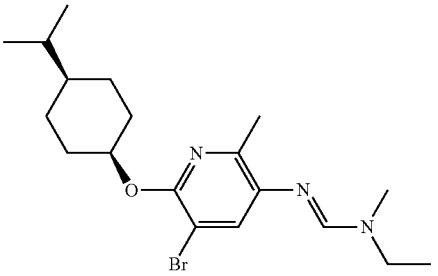
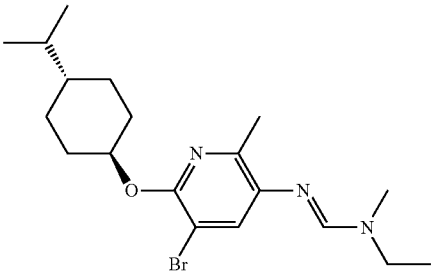
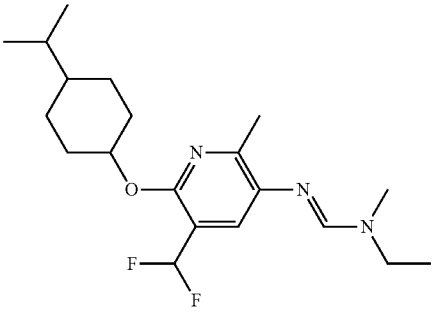
Cpd No.	Structure
P.210	
P.211	
P.212	
P.213	
P.214	

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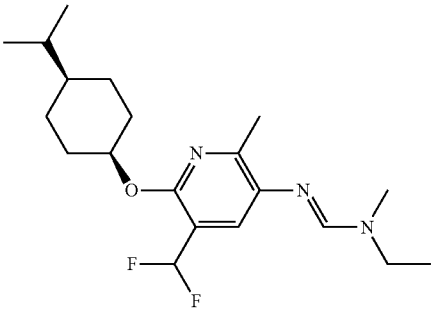
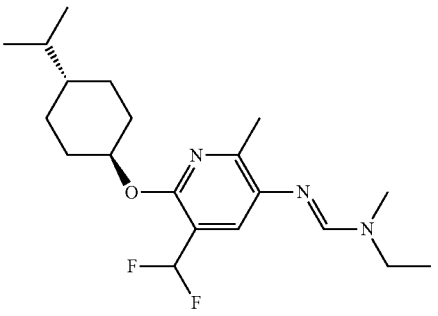
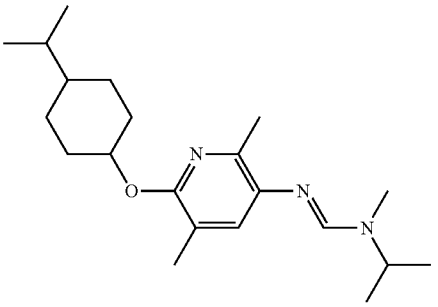
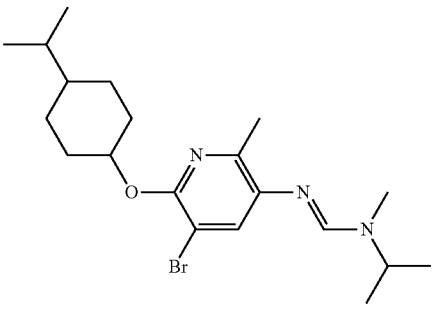
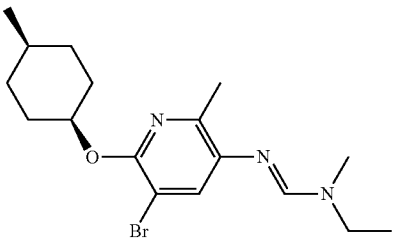
Cpd No.	Structure
P.215	
P.216	
P.217	
P.218	
P.219	

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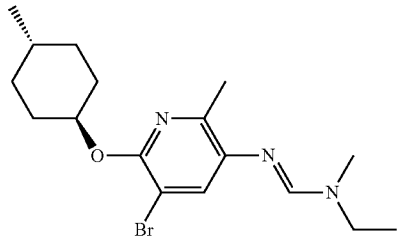
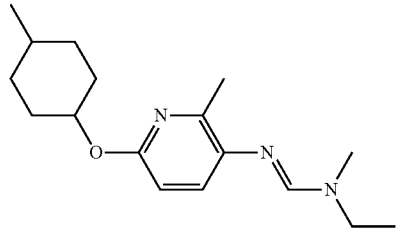
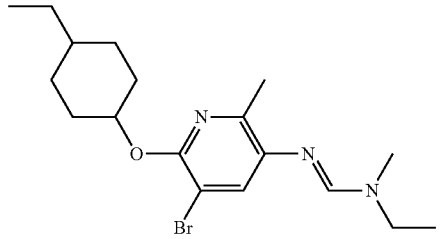
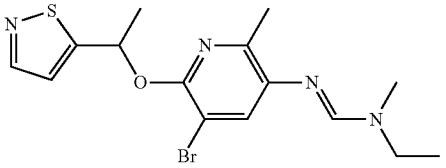
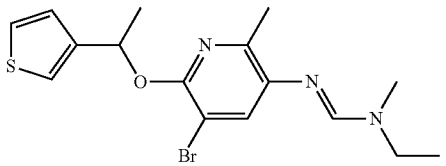
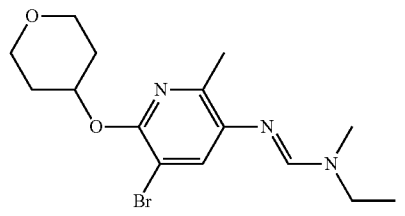
Cpd No.	Structure
P.220	
P.221	
P.222	
P.223	
P.224	
P.225	

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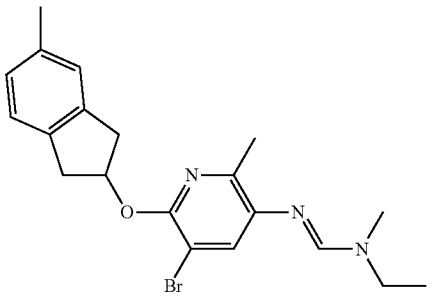
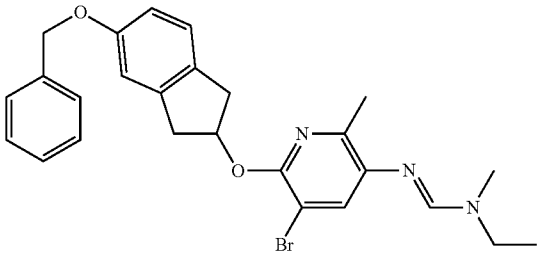
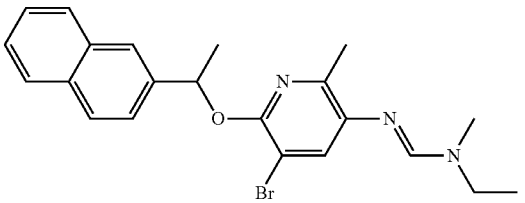
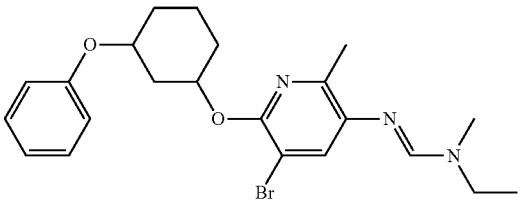
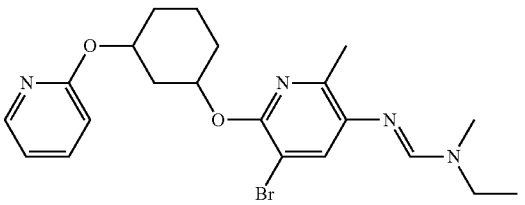
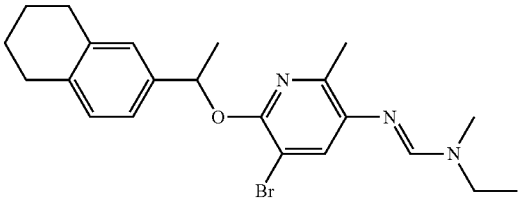
Cpd No.	Structure
P.226	
P.227	
P.228	
P.229	
P.230	
P.231	

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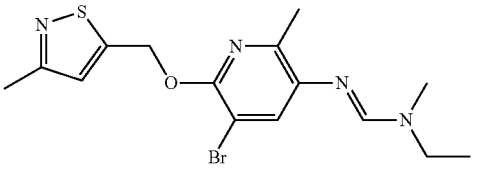
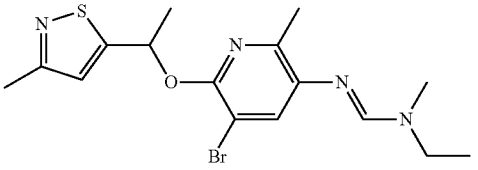
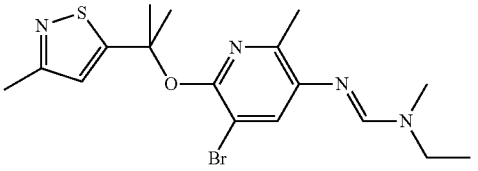
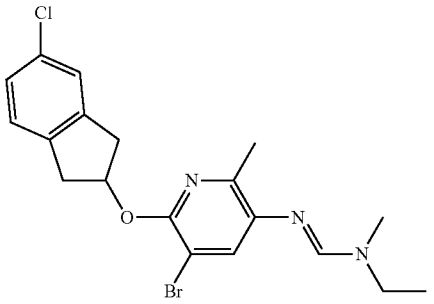
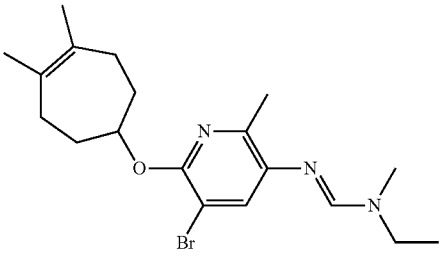
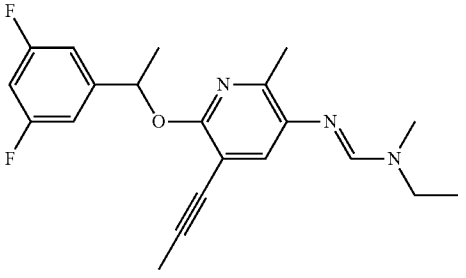
Cpd No.	Structure
P.232	
P.233	
P.234	
P.235	
P.236	
P.237	

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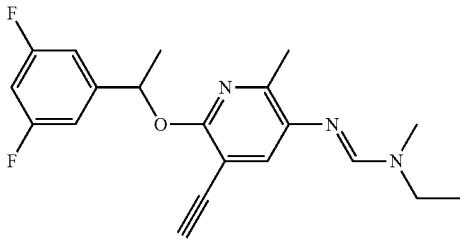
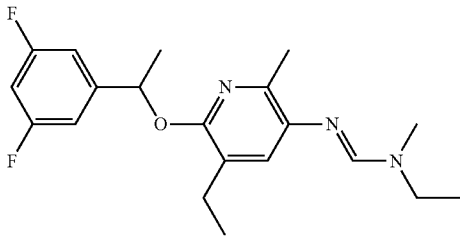
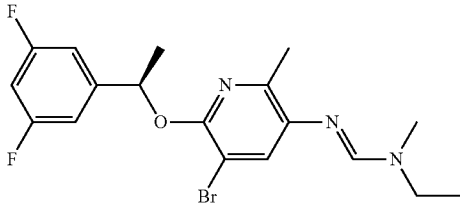
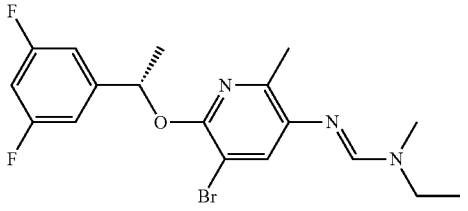
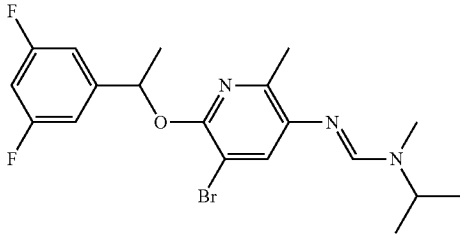
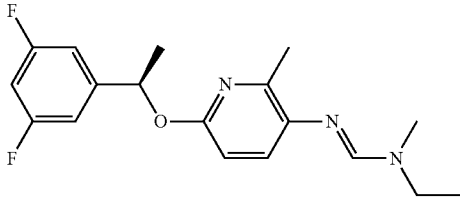
Cpd No.	Structure
P.238	
P.239	
P.240	
P.241	
P.242	
P.243	

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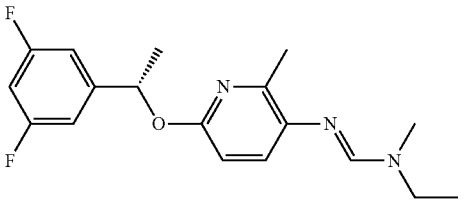
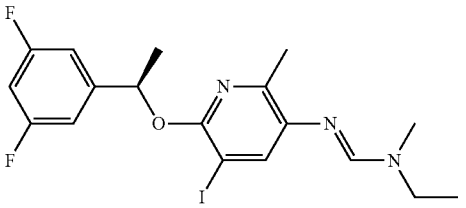
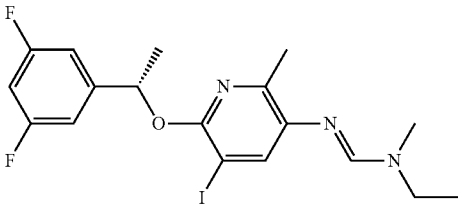
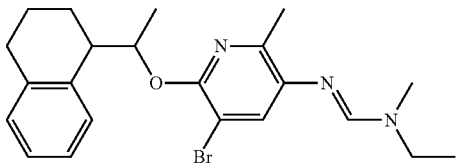
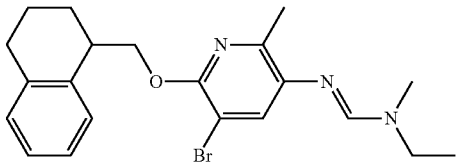
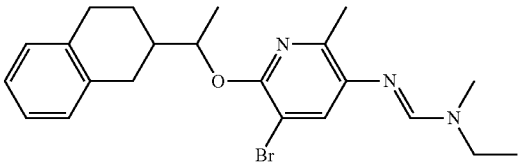
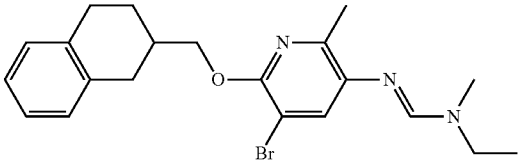
Cpd No.	Structure
P.244	
P.245	
P.246	
P.247	
P.248	
P.249	
P.250	

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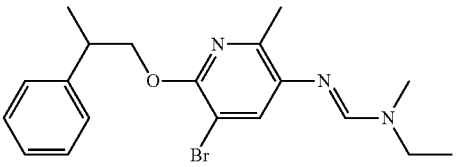
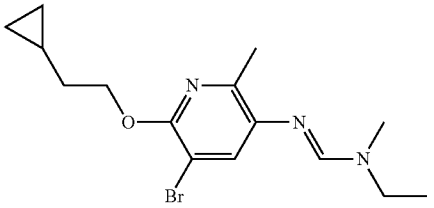
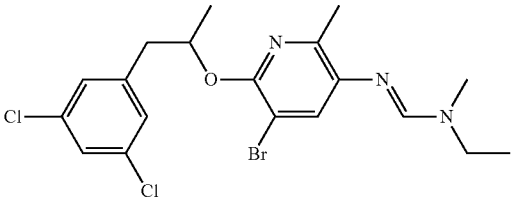
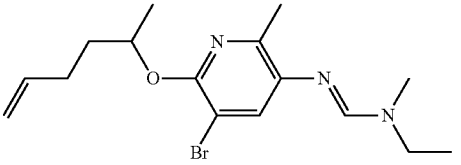
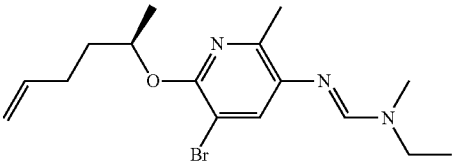
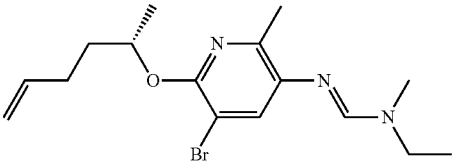
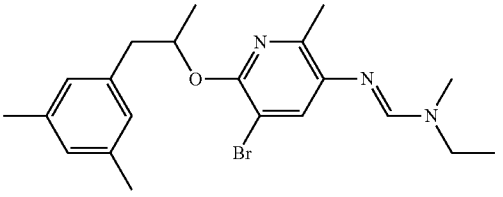
Cpd No.	Structure
P.251	
P.252	
P.253	
P.254	
P.255	
P.256	
P.257	

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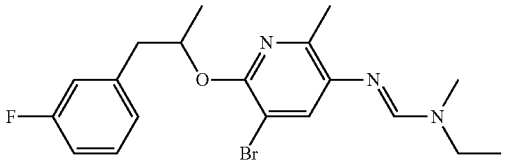
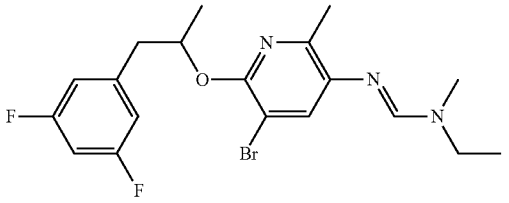
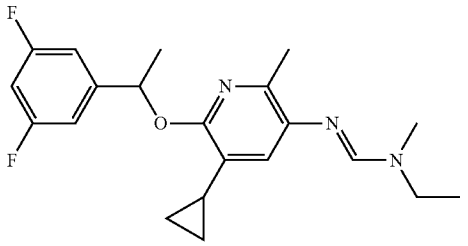
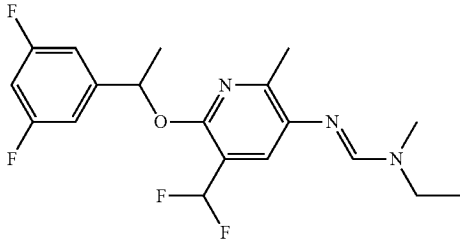
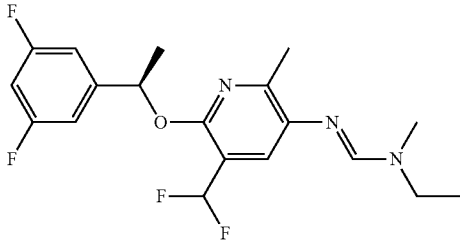
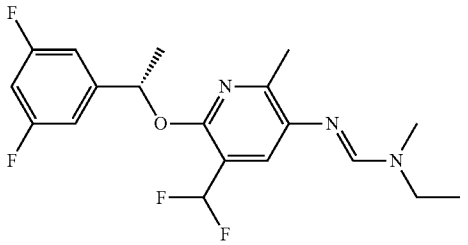
Cpd No.	Structure
P.258	
P.259	
P.260	
P.261	
P.262	
P.263	

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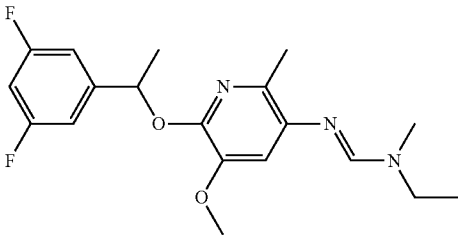
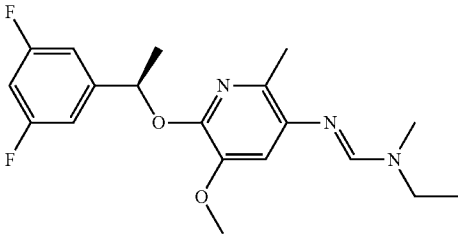
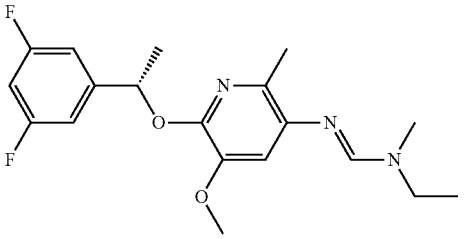
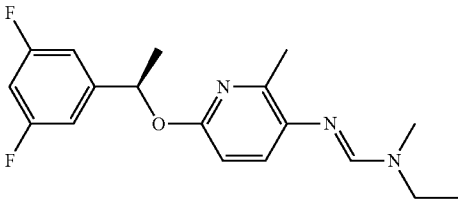
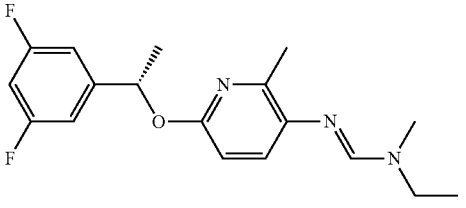
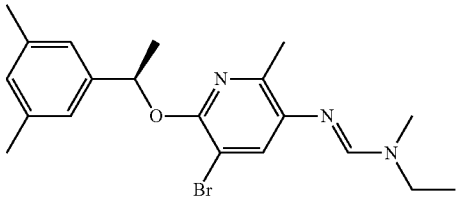
Cpd No.	Structure
P.264	
P.265	
P.266	
P.267	
P.268	
P.269	

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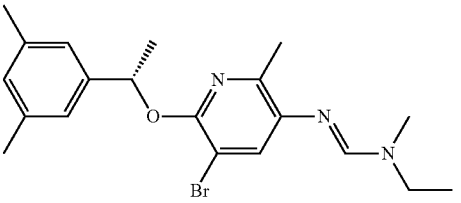
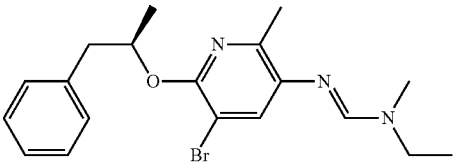
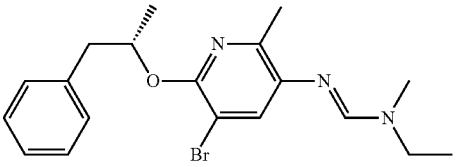
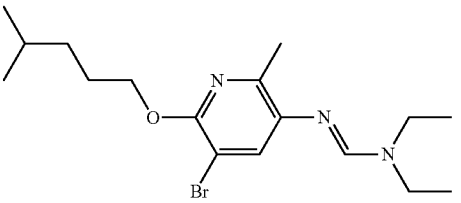
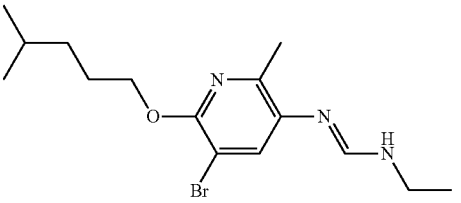
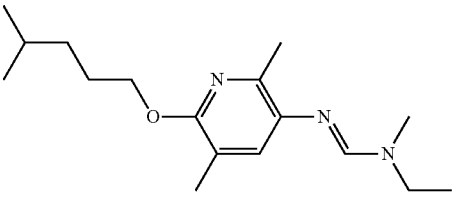
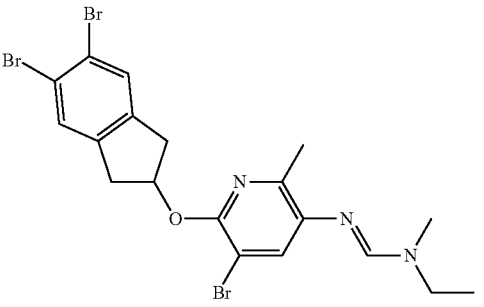
Cpd No.	Structure
P.270	
P.271	
P.272	
P.273	
P.274	
P.275	
P.276	

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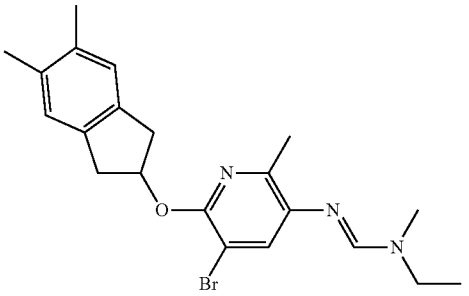
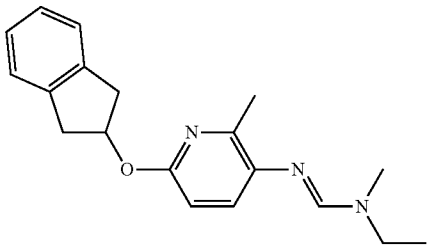
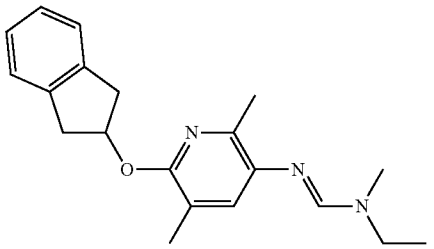
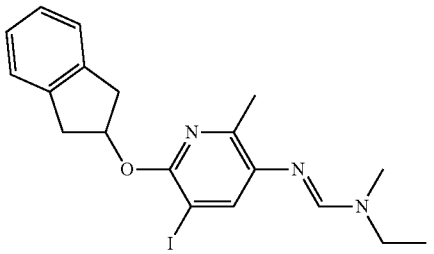
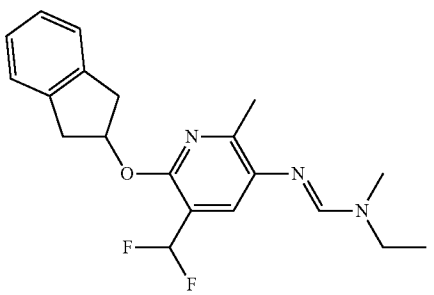
Cpd No.	Structure
P.277	
P.278	
P.279	
P.280	
P.281	

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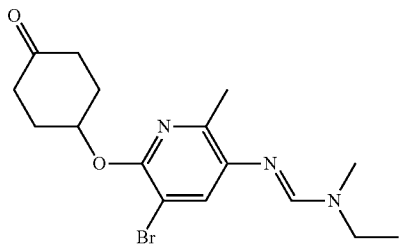
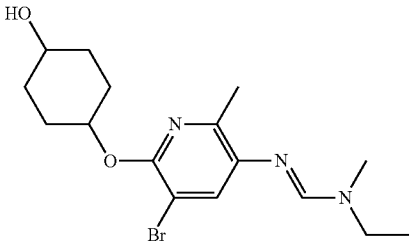
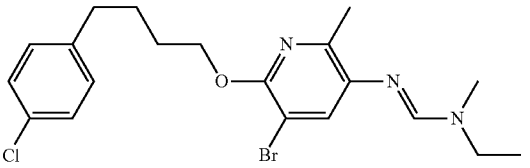
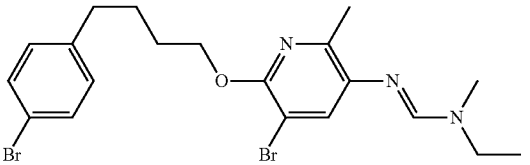
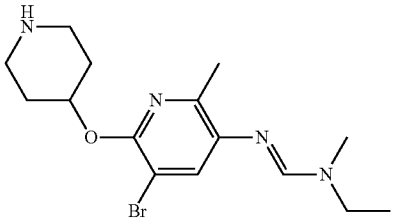
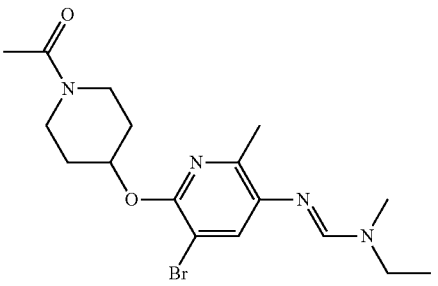
Cpd No.	Structure
P.282	
P.283	
P.284	
P.285	
P.286	
P.287	

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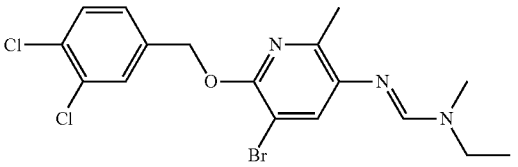
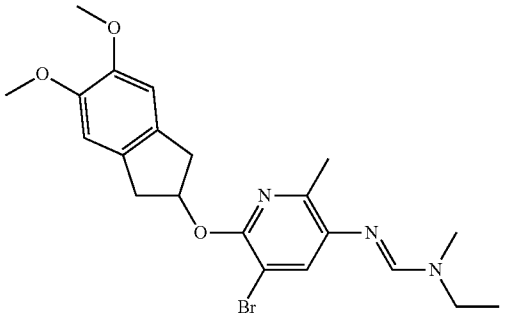
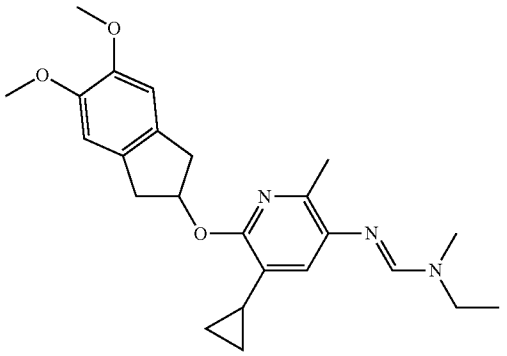
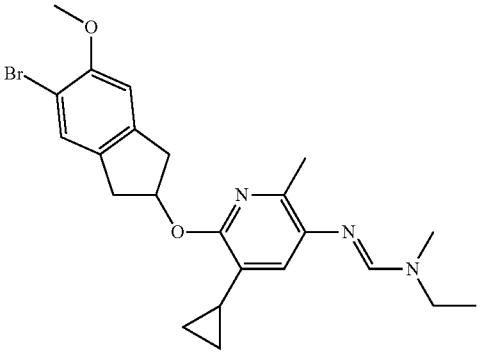
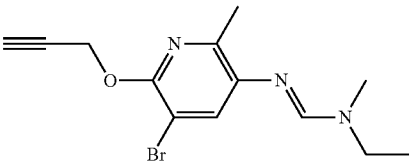
Cpd No.	Structure
P.288	
P.289	
P.290	
P.291	
P.292	

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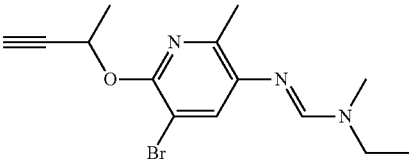
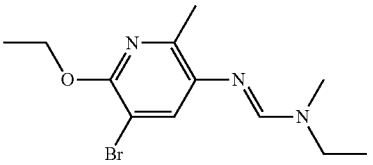
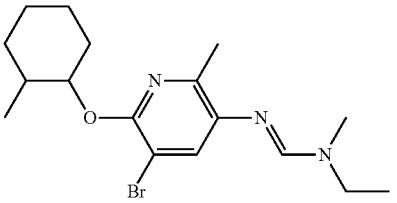
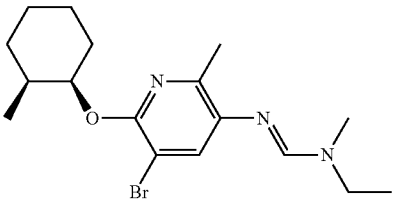
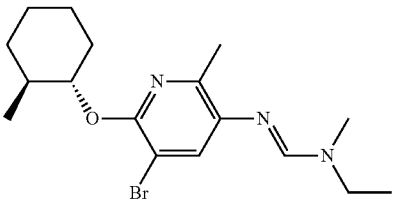
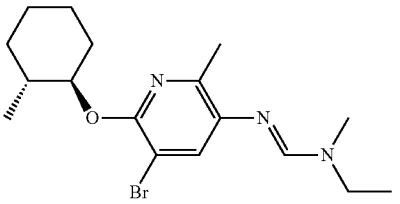
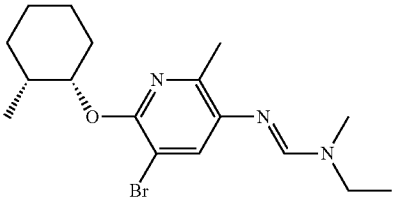
Cpd No.	Structure
P.293	
P.294	
P.295	
P.296	
P.297	
P.298	
P.299	

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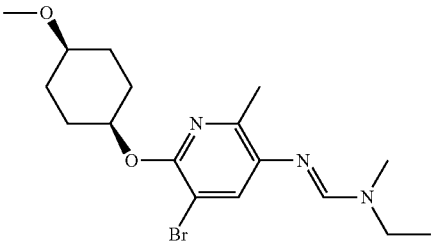
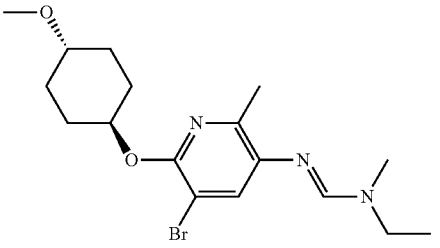
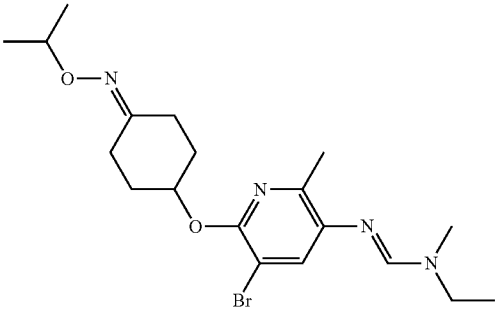
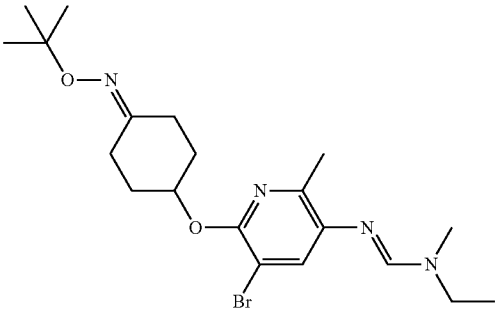
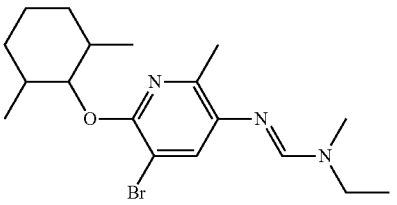
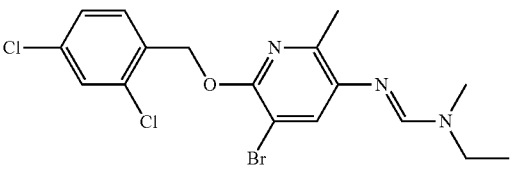
Cpd No.	Structure
P.300	
P.301	
P.302	
P.303	
P.304	
P.305	

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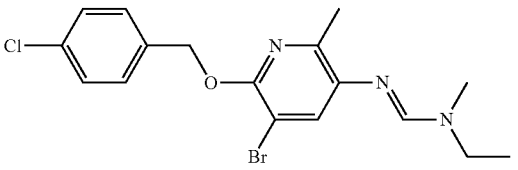
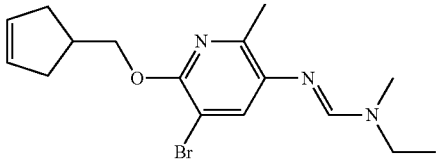
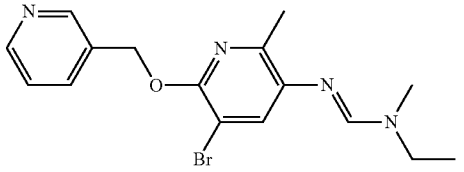
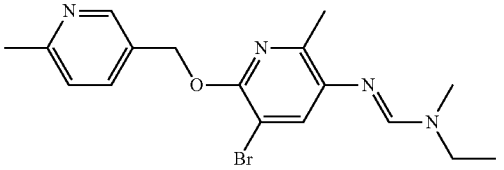
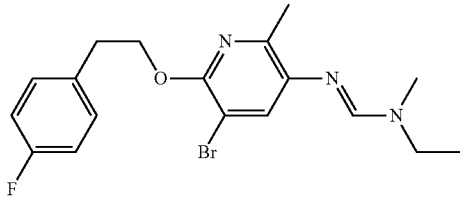
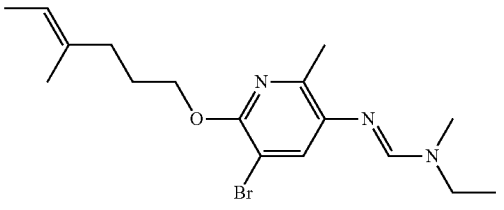
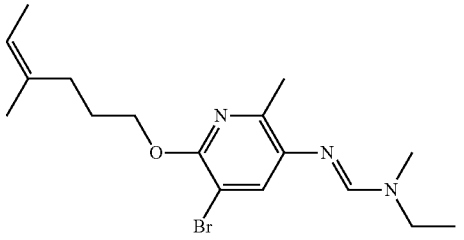
Cpd No.	Structure
P.306	
P.307	
P.308	
P.309	
P.310	
P.311	
P.312	

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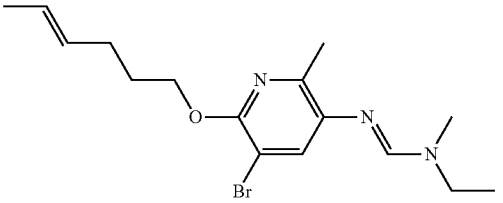
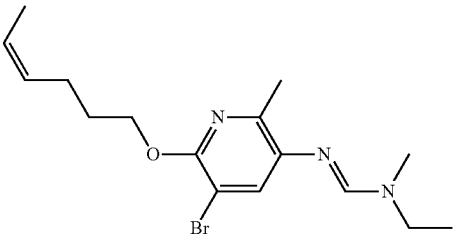
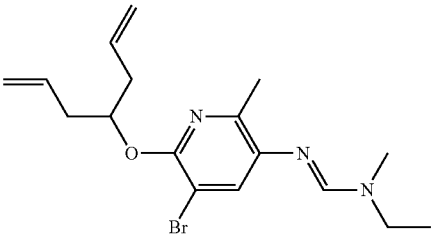
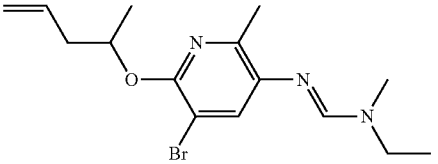
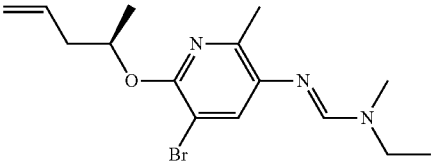
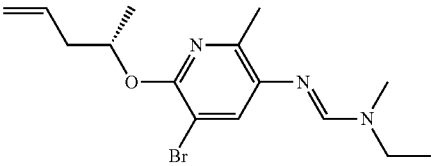
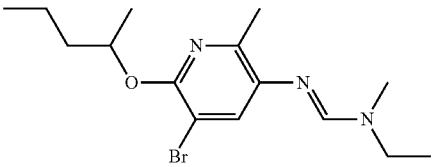
Cpd No.	Structure
P.313	
P.314	
P.315	
P.316	
P.317	
P.318	
P.319	

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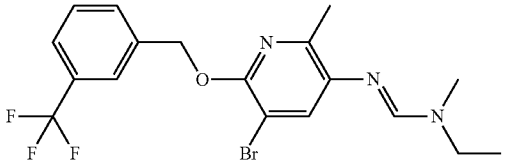
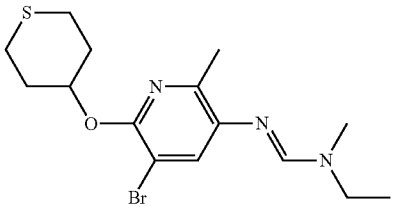
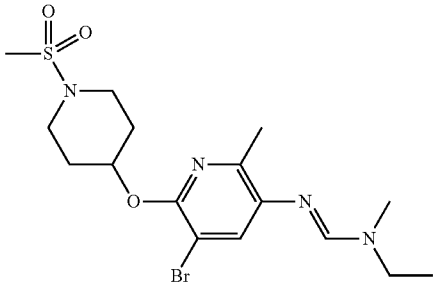
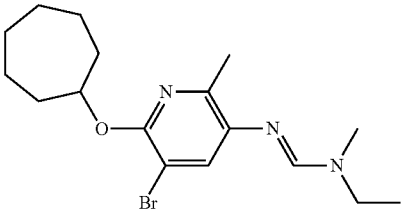
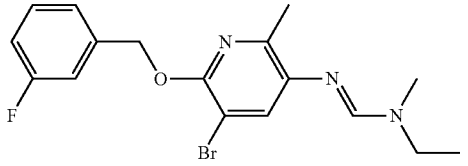
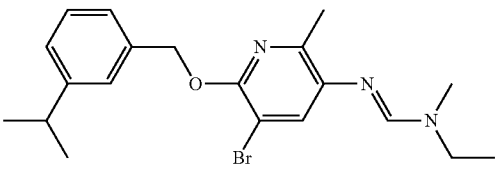
Cpd No.	Structure
P.320	
P.321	
P.322	
P.323	
P.324	
P.325	

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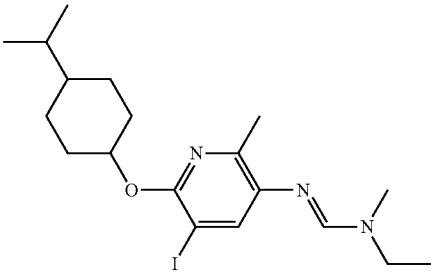
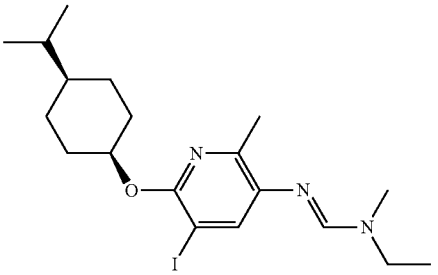
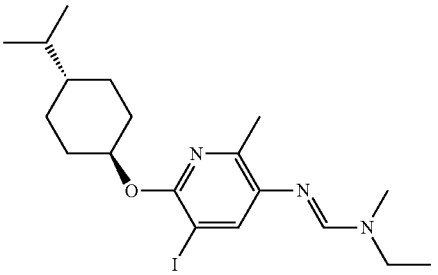
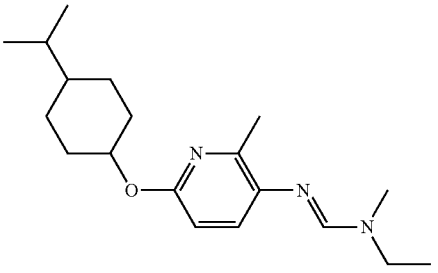
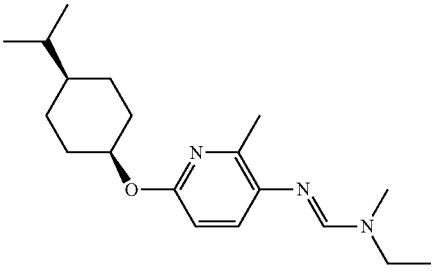
Cpd No.	Structure
P.326	
P.327	
P.328	
P.329	
P.330	

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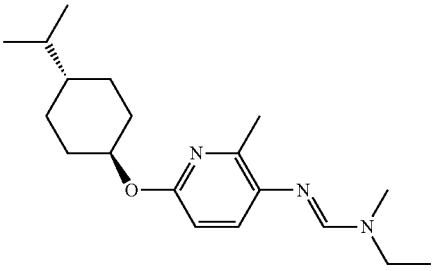
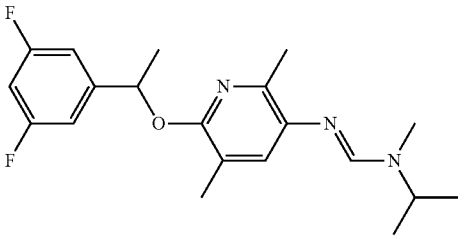
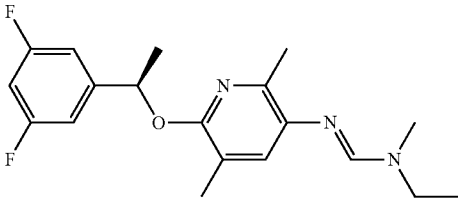
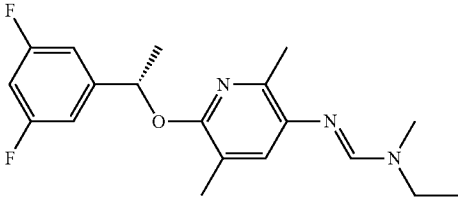
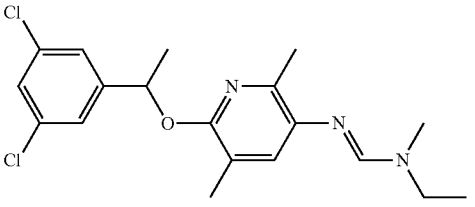
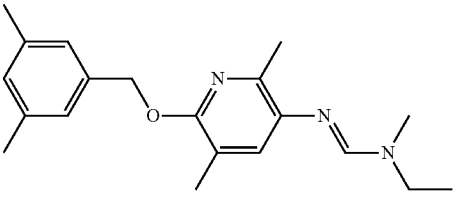
Cpd No.	Structure
P.331	
P.332	
P.333	
P.334	
P.335	
P.336	

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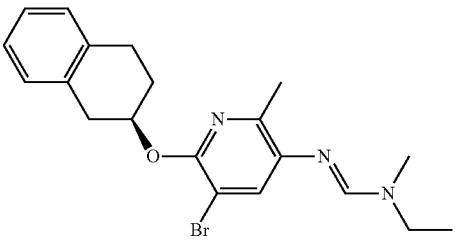
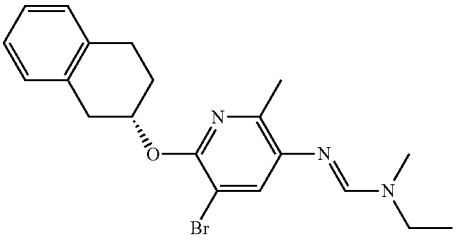
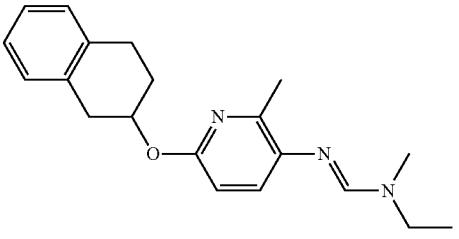
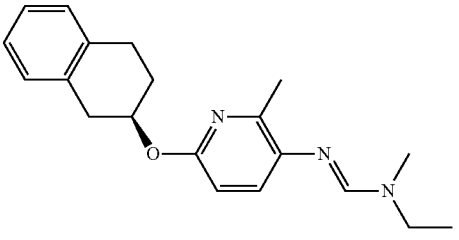
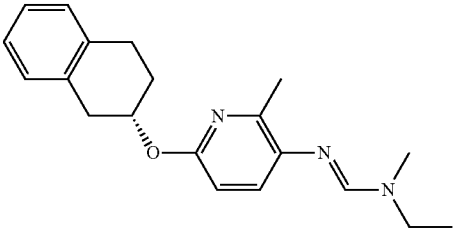
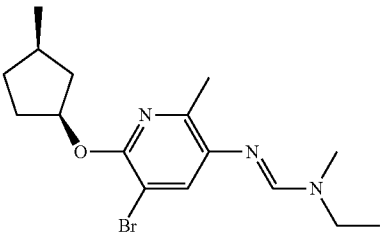
Cpd No.	Structure
P.337	
P.338	
P.339	
P.340	
P.341	
P.342	

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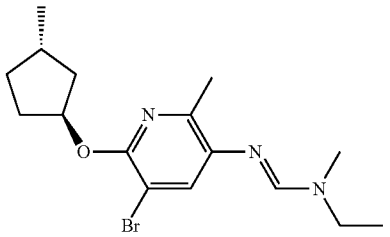
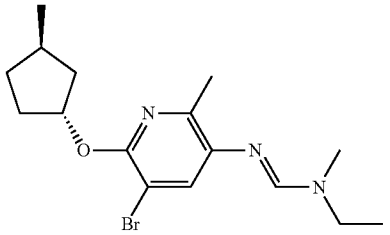
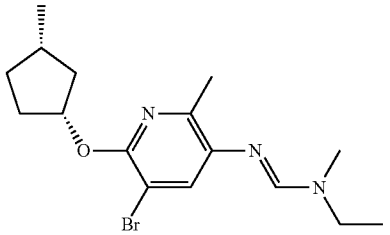
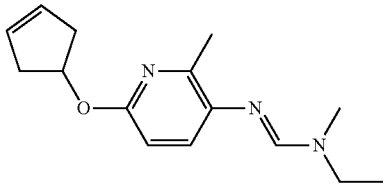
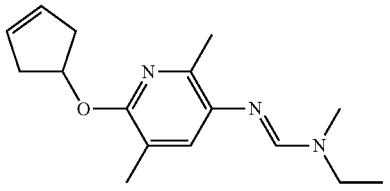
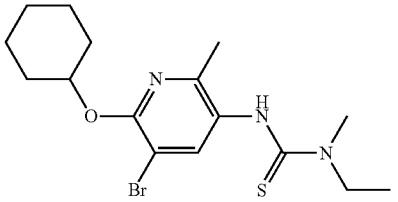
Cpd No.	Structure
P.343	
P.344	
P.345	
P.346	
P.347	
P.348	

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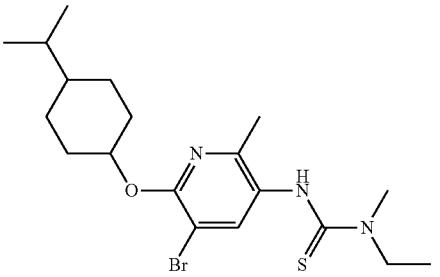
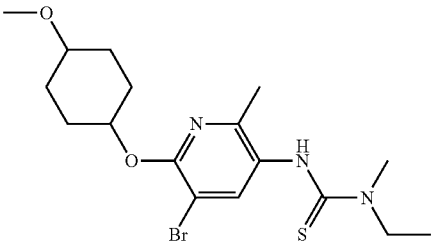
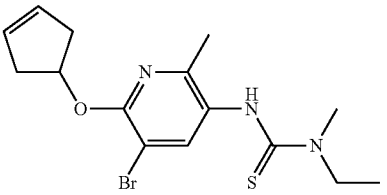
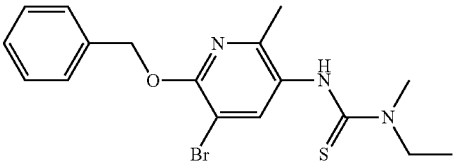
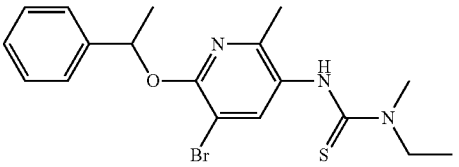
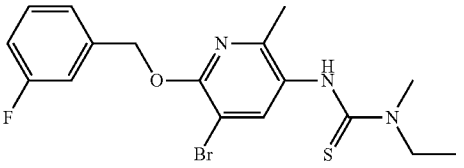
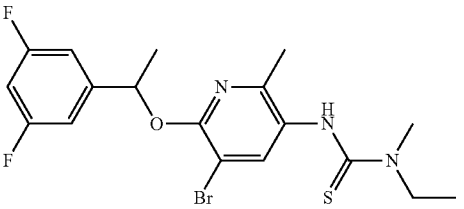
Cpd No.	Structure
P.349	
P.350	
P.351	
P.352	
P.353	
P.354	
P.355	

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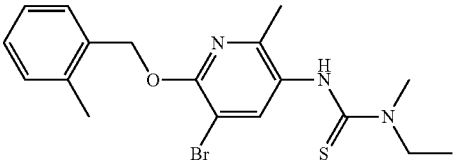
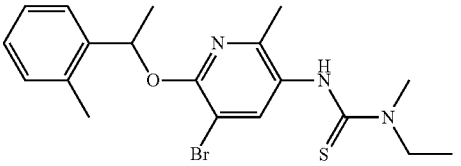
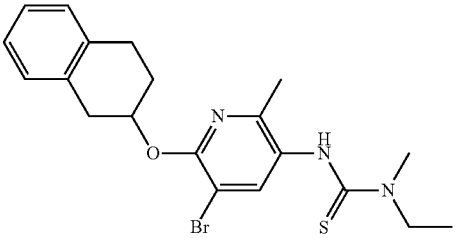
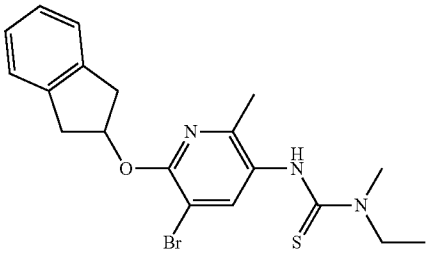
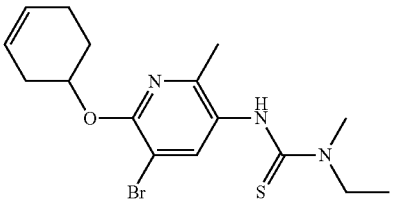
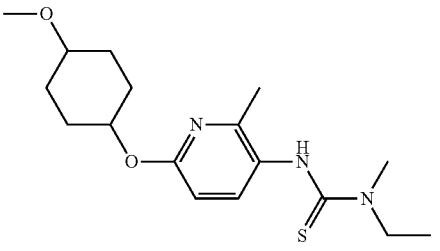
Cpd No.	Structure
P.356	
P.357	
P.358	
P.359	
P.360	
P.361	

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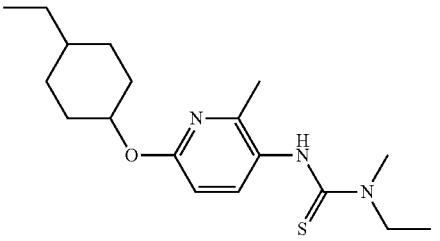
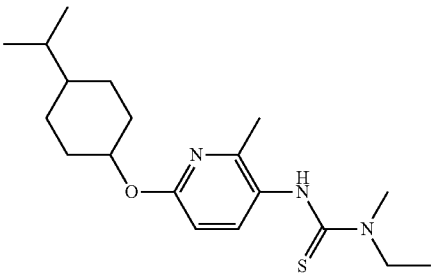
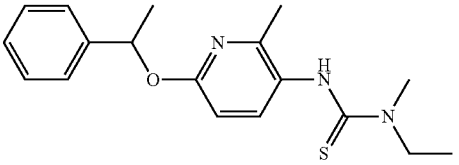
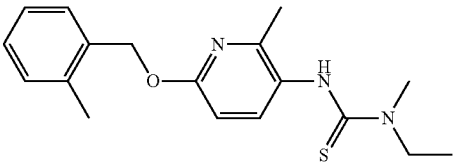
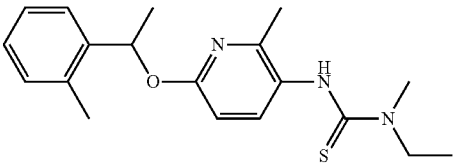
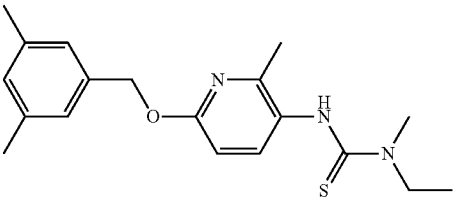
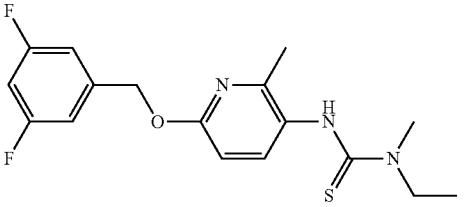
Cpd No.	Structure
P.362	
P.363	
P.364	
P.365	
P.366	
P.367	
P.368	

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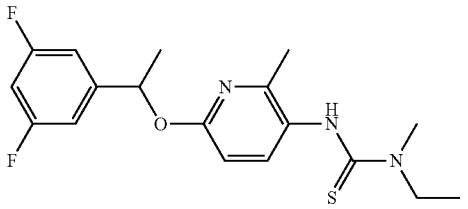
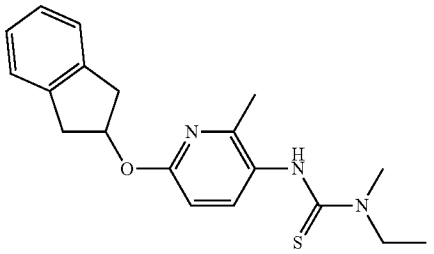
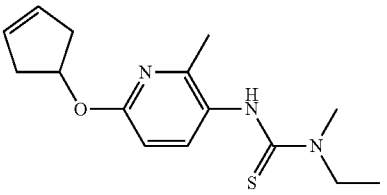
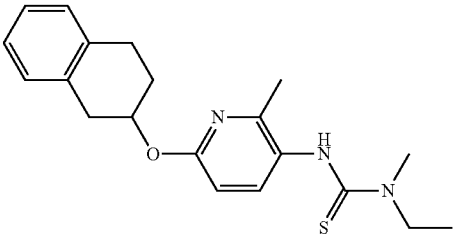
Cpd No.	Structure
P.369	
P.370	
P.371	
P.372	

Table A discloses 1201 sets of meanings of the variables R_1, R_2, R_5 and R_6 in a compound of formula I.

TABLE A

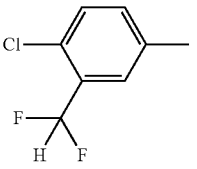
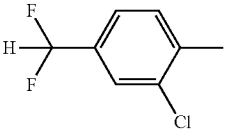
	Meanings for R_1, R_2, R_5 and R_6:			
Line	R_1	R_2	R_6	R_5
A.1.1	CH_3	CH_2CH_3	H	
A.1.2	CH_3	CH_2CH_3	H	

TABLE A-continued

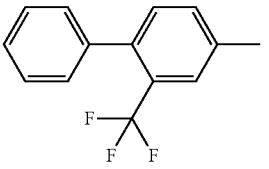
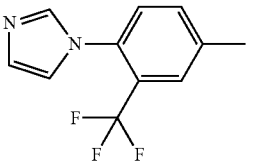
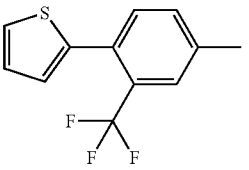
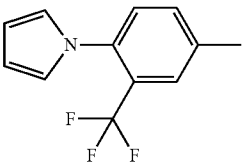
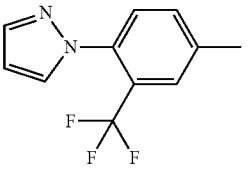
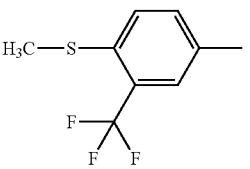
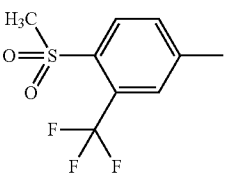
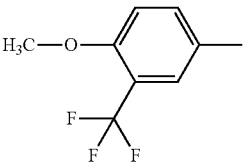
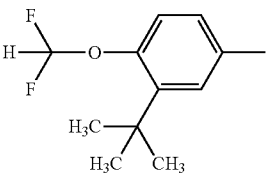
Meanings for R_1, R_2, R_5 and R_6:				
A.1.3	CH_3	CH_2CH_3	H	
A.1.4	CH_3	CH_2CH_3	H	
A.1.5	CH_3	CH_2CH_3	H	
A.1.6	CH_3	CH_2CH_3	H	
A.1.7	CH_3	CH_2CH_3	H	
A.1.8	CH_3	CH_2CH_3	H	
A.1.9	CH_3	CH_2CH_3	H	
A.1.10	CH_3	CH_2CH_3	H	
A.1.11	CH_3	CH_2CH_3	H	

TABLE A-continued

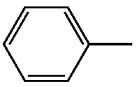
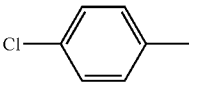
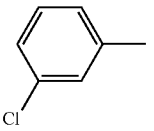
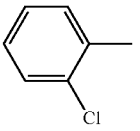
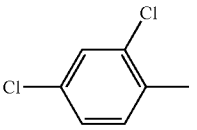
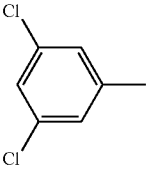
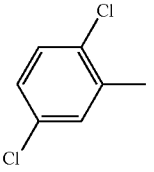
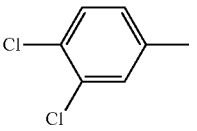
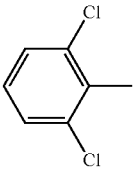
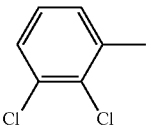
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.12	CH_3	CH_2CH_3	H	
A.1.13	CH_3	CH_2CH_3	H	
A.1.14	CH_3	CH_2CH_3	H	
A.1.15	CH_3	CH_2CH_3	H	
A.1.16	CH_3	CH_2CH_3	H	
A.1.17	CH_3	CH_2CH_3	H	
A.1.18	CH_3	CH_2CH_3	H	
A.1.19	CH_3	CH_2CH_3	H	
A.1.20	CH_3	CH_2CH_3	H	
A.1.21	CH_3	CH_2CH_3	H	

TABLE A-continued

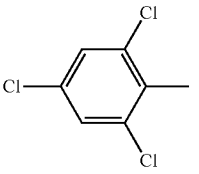
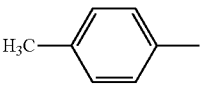
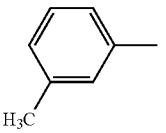
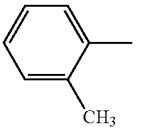
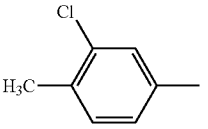
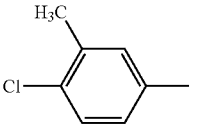
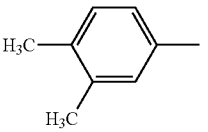
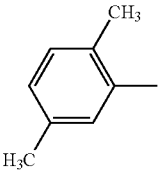
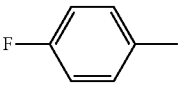
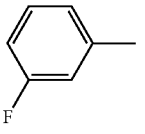
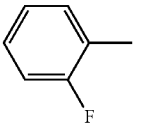
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.22	CH_3	CH_2CH_3	H	
A.1.23	CH_3	CH_2CH_3	H	
A.1.24	CH_3	CH_2CH_3	H	
A.1.25	CH_3	CH_2CH_3	H	
A.1.26	CH_3	CH_2CH_3	H	
A.1.27	CH_3	CH_2CH_3	H	
A.1.28	CH_3	CH_2CH_3	H	
A.1.29	CH_3	CH_2CH_3	H	
A.1.30	CH_3	CH_2CH_3	H	
A.1.31	CH_3	CH_2CH_3	H	
A.1.32	CH_3	CH_2CH_3	H	

TABLE A-continued

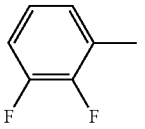
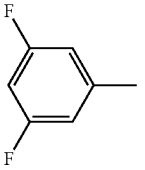
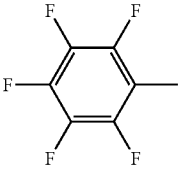
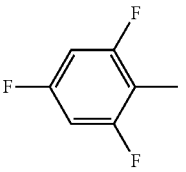
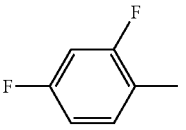
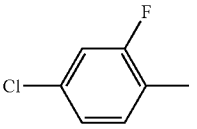
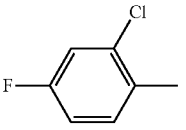
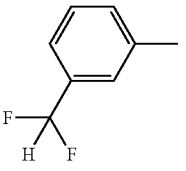
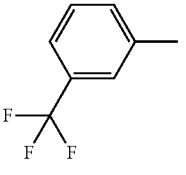
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.33	CH_3	CH_2CH_3	H	
A.1.34	CH_3	CH_2CH_3	H	
A.1.35	CH_3	CH_2CH_3	H	
A.1.36	CH_3	CH_2CH_3	H	
A.1.37	CH_3	CH_2CH_3	H	
A.1.38	CH_3	CH_2CH_3	H	
A.1.39	CH_3	CH_2CH_3	H	
A.1.40	CH_3	CH_2CH_3	H	
A.1.41	CH_3	CH_2CH_3	H	

TABLE A-continued

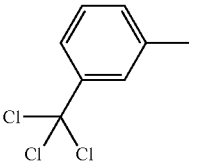
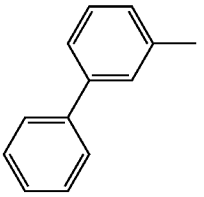
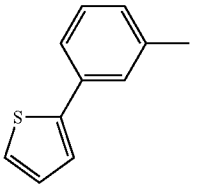
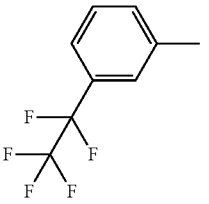
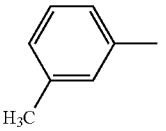
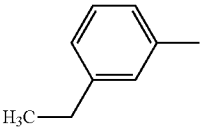
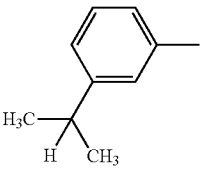
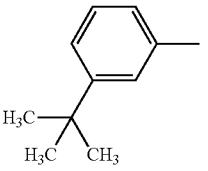
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.42	CH_3	CH_2CH_3	H	
A.1.43	CH_3	CH_2CH_3	H	
A.1.44	CH_3	CH_2CH_3	H	
A.1.45	CH_3	CH_2CH_3	H	
A.1.46	CH_3	CH_2CH_3	H	
A.1.47	CH_3	CH_2CH_3	H	
A.1.48	CH_3	CH_2CH_3	H	
A.1.49	CH_3	CH_2CH_3	H	

TABLE A-continued

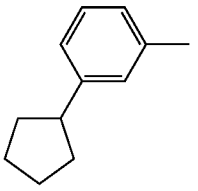
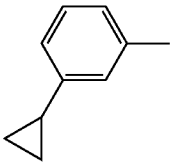
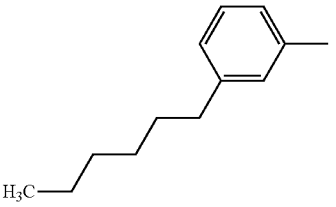
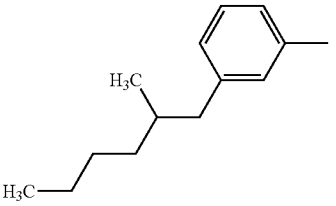
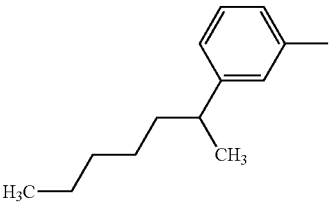
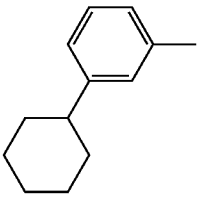
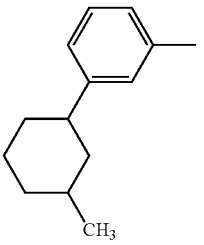
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.50	CH_3	CH_2CH_3	H	
A.1.51	CH_3	CH_2CH_3	H	
A.1.52	CH_3	CH_2CH_3	H	
A.1.53	CH_3	CH_2CH_3	H	
A.1.54	CH_3	CH_2CH_3	H	
A.1.55	CH_3	CH_2CH_3	H	
A.1.56	CH_3	CH_2CH_3	H	

TABLE A-continued

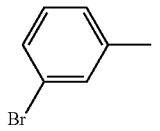
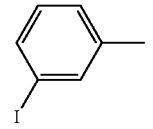
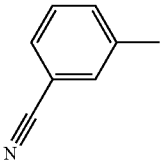
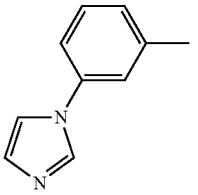
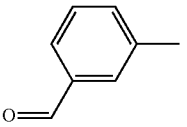
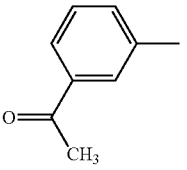
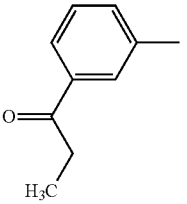
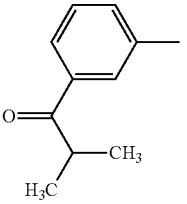
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.57	CH_3	CH_2CH_3	H	
A.1.58	CH_3	CH_2CH_3	H	
A.1.59	CH_3	CH_2CH_3	H	
A.1.60	CH_3	CH_2CH_3	H	
A.1.61	CH_3	CH_2CH_3	H	
A.1.62	CH_3	CH_2CH_3	H	
A.1.63	CH_3	CH_2CH_3	H	
A.1.64	CH_3	CH_2CH_3	H	

TABLE A-continued

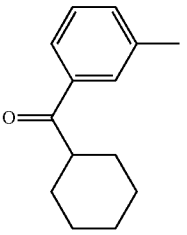
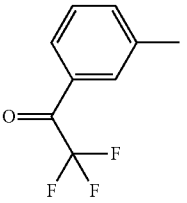
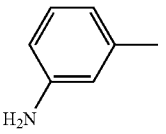
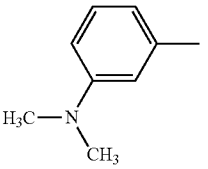
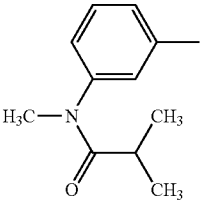
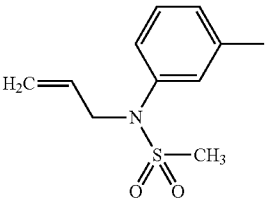
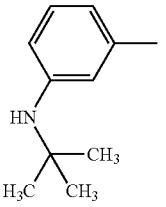
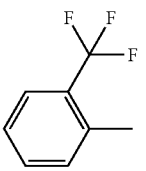
Meanings for R_1, R_2, R_5 and R_6:				
A.1.65	CH_3	CH_2CH_3	H	
A.1.66	CH_3	CH_2CH_3	H	
A.1.67	CH_3	CH_2CH_3	H	
A.1.68	CH_3	CH_2CH_3	H	
A.1.69	CH_3	CH_2CH_3	H	
A.1.70	CH_3	CH_2CH_3	H	
A.1.71	CH_3	CH_2CH_3	H	
A.1.72	CH_3	CH_2CH_3	H	

TABLE A-continued

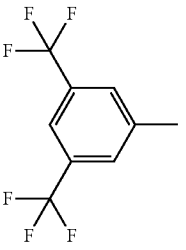
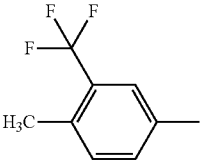
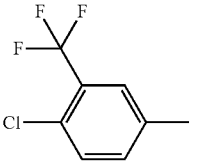
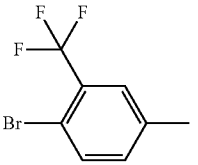
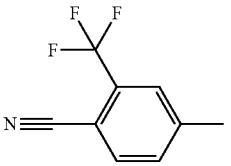
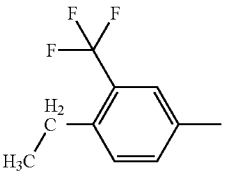
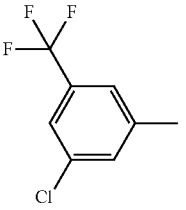
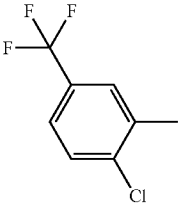
Meanings for R_1, R_2, R_5 and R_6:				
A.1.73	CH_3	CH_2CH_3	H	
A.1.74	CH_3	CH_2CH_3	H	
A.1.75	CH_3	CH_2CH_3	H	
A.1.76	CH_3	CH_2CH_3	H	
A.1.77	CH_3	CH_2CH_3	H	
A.1.78	CH_3	CH_2CH_3	H	
A.1.79	CH_3	CH_2CH_3	H	
A.1.80	CH_3	CH_2CH_3	H	

TABLE A-continued

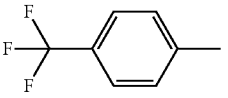
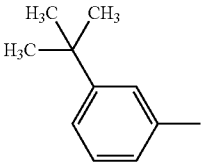
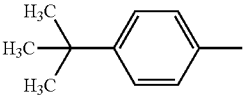
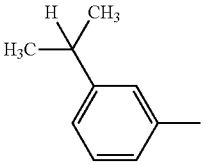
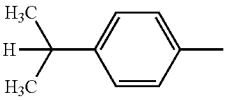
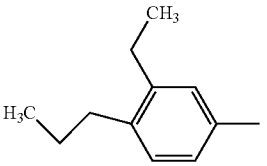
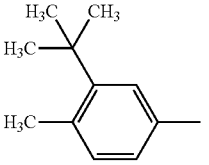
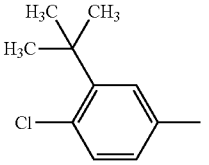
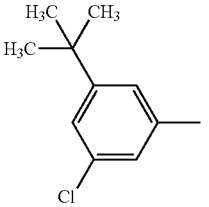
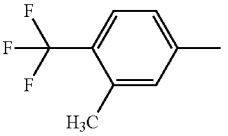
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.81	CH_3	CH_2CH_3	H	
A.1.82	CH_3	CH_2CH_3	H	
A.1.83	CH_3	CH_2CH_3	H	
A.1.84	CH_3	CH_2CH_3	H	
A.1.85	CH_3	CH_2CH_3	H	
A.1.86	CH_3	CH_2CH_3	H	
A.1.87	CH_3	CH_2CH_3	H	
A.1.88	CH_3	CH_2CH_3	H	
A.1.89	CH_3	CH_2CH_3	H	
A.1.90	CH_3	CH_2CH_3	H	

TABLE A-continued

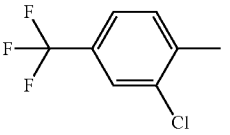
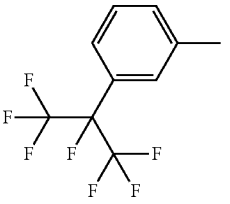
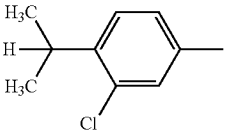
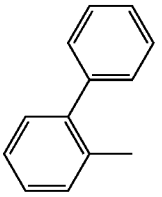
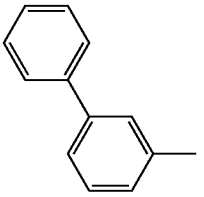
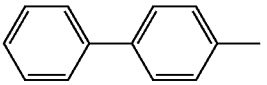
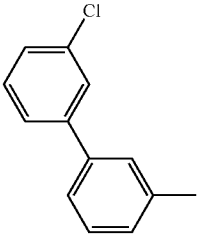
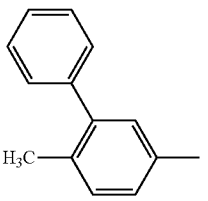
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.91	CH_3	CH_2CH_3	H	
A.1.92	CH_3	CH_2CH_3	H	
A.1.93	CH_3	CH_2CH_3	H	
A.1.94	CH_3	CH_2CH_3	H	
A.1.95	CH_3	CH_2CH_3	H	
A.1.96	CH_3	CH_2CH_3	H	
A.1.97	CH_3	CH_2CH_3	H	
A.1.98	CH_3	CH_2CH_3	H	

TABLE A-continued

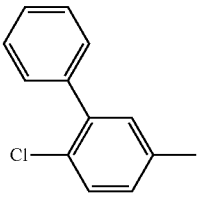
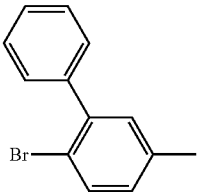
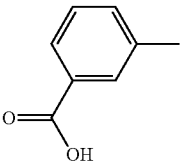
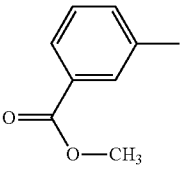
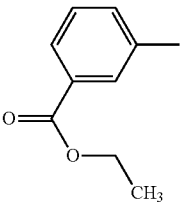
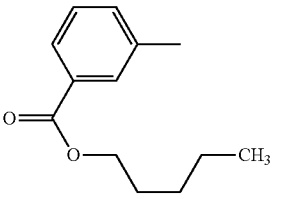
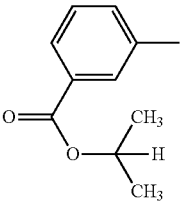
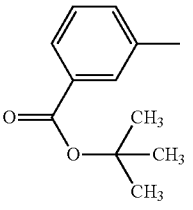
Meanings for R_1, R_2, R_5 and R_6:				
A.1.99	CH_3	CH_2CH_3	H	
A.1.100	CH_3	CH_2CH_3	H	
A.1.101	CH_3	CH_2CH_3	H	
A.1.102	CH_3	CH_2CH_3	H	
A.1.103	CH_3	CH_2CH_3	H	
A.1.104	CH_3	CH_2CH_3	H	
A.1.105	CH_3	CH_2CH_3	H	
A.1.106	CH_3	CH_2CH_3	H	

TABLE A-continued

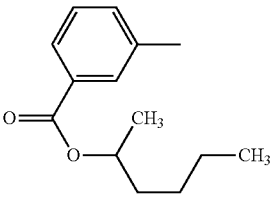
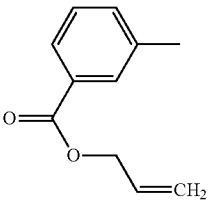
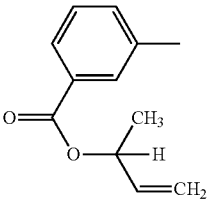
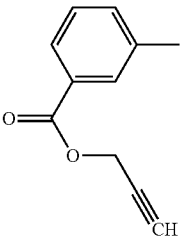
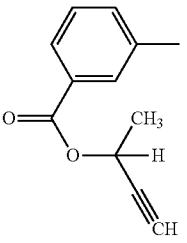
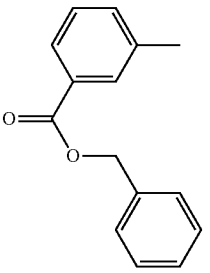
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.107	CH_3	CH_2CH_3	H	
A.1.108	CH_3	CH_2CH_3	H	
A.1.109	CH_3	CH_2CH_3	H	
A.1.110	CH_3	CH_2CH_3	H	
A.1.111	CH_3	CH_2CH_3	H	
A.1.112	CH_3	CH_2CH_3	H	

TABLE A-continued

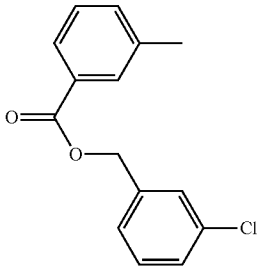
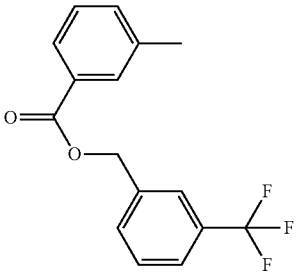
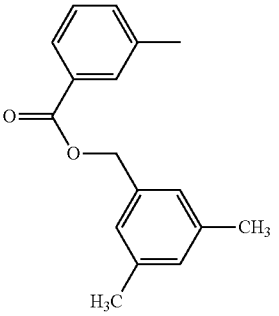
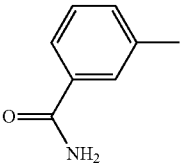
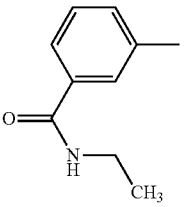
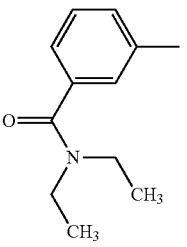
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.113	CH_3	CH_2CH_3	H	
A.1.114	CH_3	CH_2CH_3	H	
A.1.115	CH_3	CH_2CH_3	H	
A.1.116	CH_3	CH_2CH_3	H	
A.1.117	CH_3	CH_2CH_3	H	
A.1.118	CH_3	CH_2CH_3	H	

TABLE A-continued

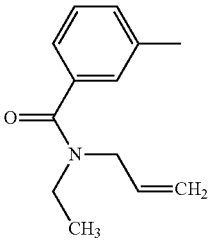
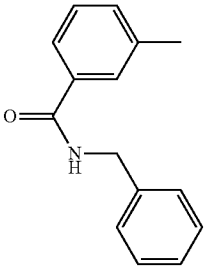
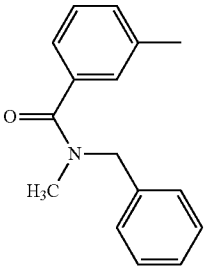
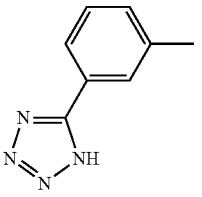
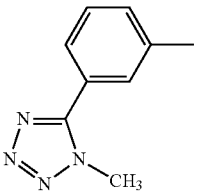
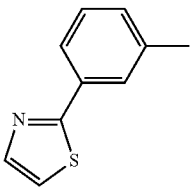
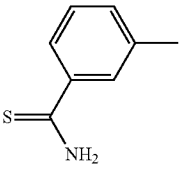
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.119	CH_3	CH_2CH_3	H	
A.1.120	CH_3	CH_2CH_3	H	
A.1.121	CH_3	CH_2CH_3	H	
A.1.122	CH_3	CH_2CH_3	H	
A.1.123	CH_3	CH_2CH_3	H	
A.1.124	CH_3	CH_2CH_3	H	
A.1.125	CH_3	CH_2CH_3	H	

TABLE A-continued

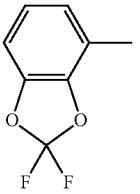
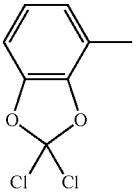
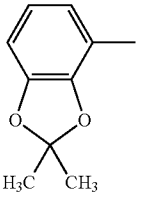
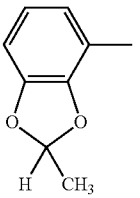
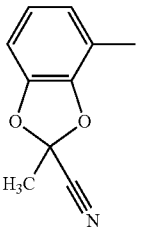
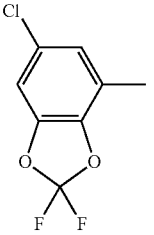
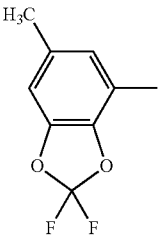
Meanings for R_1, R_2, R_5 and R_6:				
A.1.126	CH_3	CH_2CH_3	H	
A.1.127	CH_3	CH_2CH_3	H	
A.1.128	CH_3	CH_2CH_3	H	
A.1.129	CH_3	CH_2CH_3	H	
A.1.130	CH_3	CH_2CH_3	H	
A.1.131	CH_3	CH_2CH_3	H	
A.1.132	CH_3	CH_2CH_3	H	

TABLE A-continued

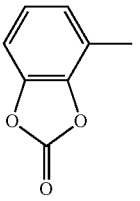
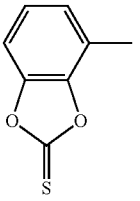
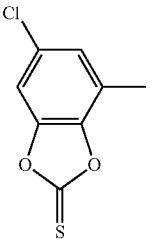
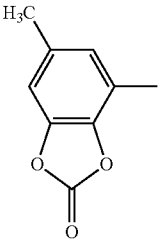
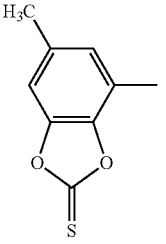
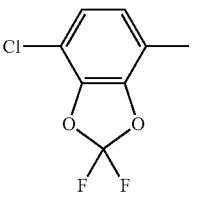
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.133	CH_3	CH_2CH_3	H	
A.1.134	CH_3	CH_2CH_3	H	
A.1.135	CH_3	CH_2CH_3	H	
A.1.136	CH_3	CH_2CH_3	H	
A.1.137	CH_3	CH_2CH_3	H	
A.1.138	CH_3	CH_2CH_3	H	

TABLE A-continued

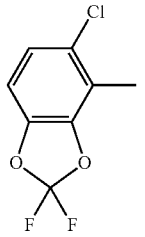
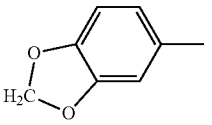
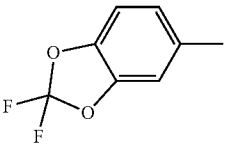
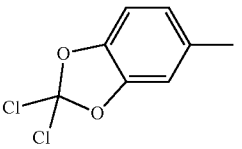
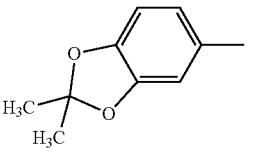
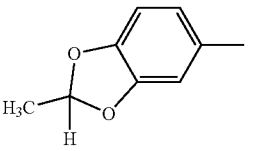
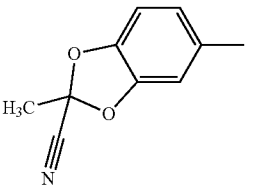
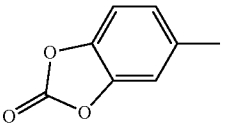
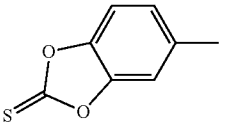
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.139	CH_3	CH_2CH_3	H	
A.1.140	CH_3	CH_2CH_3	H	
A.1.141	CH_3	CH_2CH_3	H	
A.1.142	CH_3	CH_2CH_3	H	
A.1.143	CH_3	CH_2CH_3	H	
A.1.144	CH_3	CH_2CH_3	H	
A.1.145	CH_3	CH_2CH_3	H	
A.1.146	CH_3	CH_2CH_3	H	
A.1.147	CH_3	CH_2CH_3	H	

TABLE A-continued

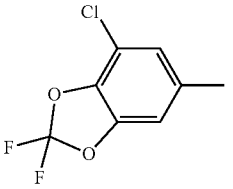
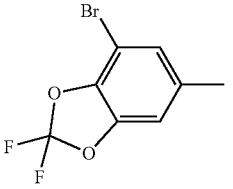
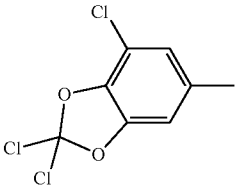
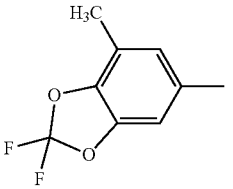
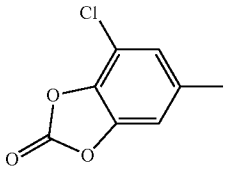
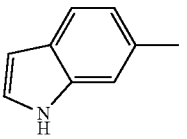
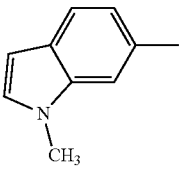
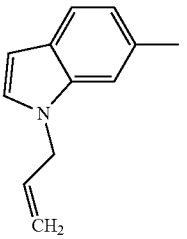
Meanings for R_1, R_2, R_5 and R_6:				
A.1.148	CH_3	CH_2CH_3	H	
A.1.149	CH_3	CH_2CH_3	H	
A.1.150	CH_3	CH_2CH_3	H	
A.1.151	CH_3	CH_2CH_3	H	
A.1.152	CH_3	CH_2CH_3	H	
A.1.153	CH_3	CH_2CH_3	H	
A.1.154	CH_3	CH_2CH_3	H	
A.1.155	CH_3	CH_2CH_3	H	

TABLE A-continued

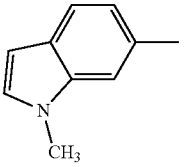
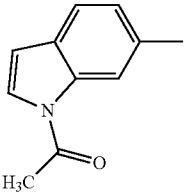
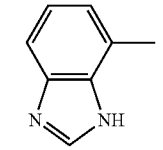
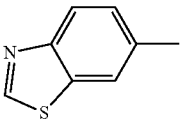
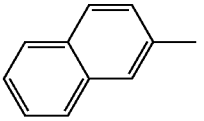
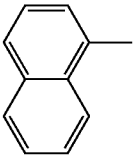
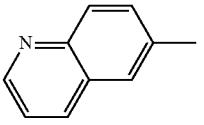
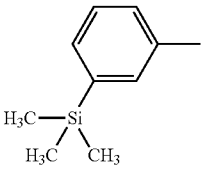
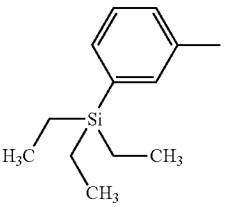
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.156	CH_3	CH_2CH_3	H	
A.1.157	CH_3	CH_2CH_3	H	
A.1.158	CH_3	CH_2CH_3	H	
A.1.159	CH_3	CH_2CH_3	H	
A.1.160	CH_3	CH_2CH_3	H	
A.1.161	CH_3	CH_2CH_3	H	
A.1.162	CH_3	CH_2CH_3	H	
A.1.163	CH_3	CH_2CH_3	H	
A.1.164	CH_3	CH_2CH_3	H	

TABLE A-continued

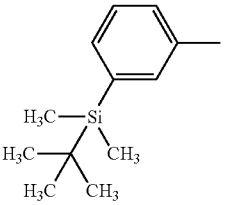
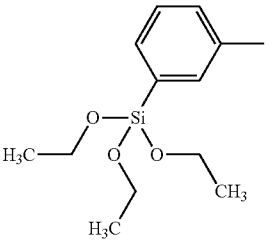
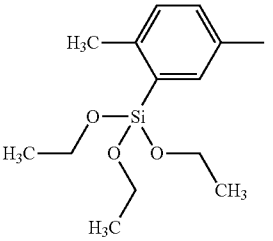
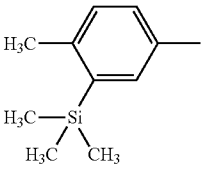
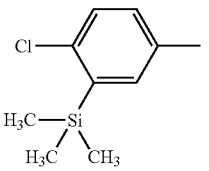
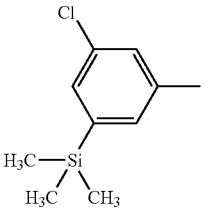
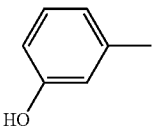
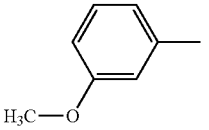
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.165	CH_3	CH_2CH_3	H	
A.1.166	CH_3	CH_2CH_3	H	
A.1.167	CH_3	CH_2CH_3	H	
A.1.168	CH_3	CH_2CH_3	H	
A.1.169	CH_3	CH_2CH_3	H	
A.1.170	CH_3	CH_2CH_3	H	
A.1.171	CH_3	CH_2CH_3	H	
A.1.172	CH_3	CH_2CH_3	H	

TABLE A-continued

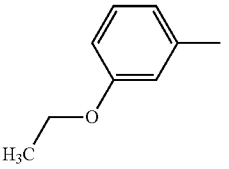
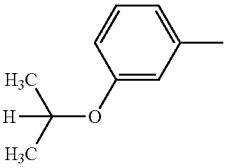
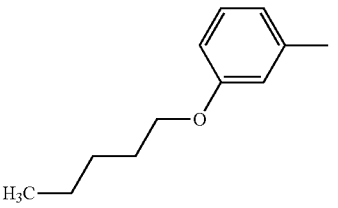
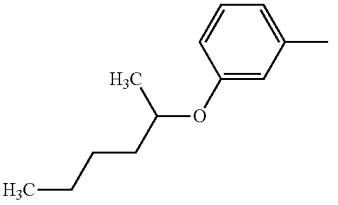
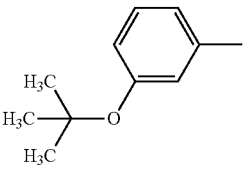
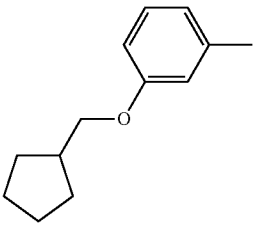
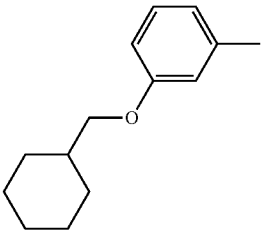
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.173	CH_3	CH_2CH_3	H	
A.1.174	CH_3	CH_2CH_3	H	
A.1.175	CH_3	CH_2CH_3	H	
A.1.176	CH_3	CH_2CH_3	H	
A.1.177	CH_3	CH_2CH_3	H	
A.1.178	CH_3	CH_2CH_3	H	
A.1.179	CH_3	CH_2CH_3	H	

TABLE A-continued

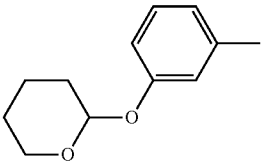
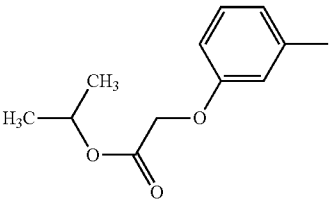
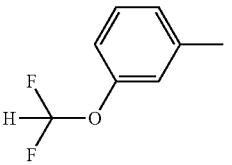
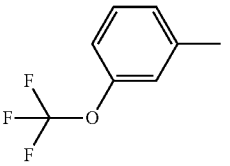
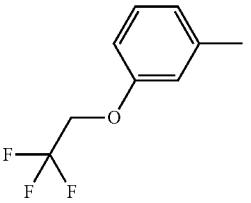
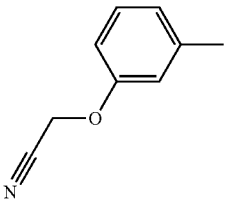
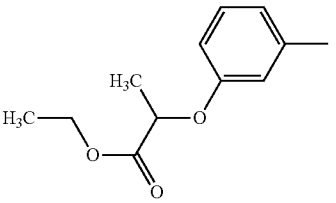
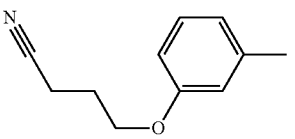
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.180	CH_3	CH_2CH_3	H	
A.1.181	CH_3	CH_2CH_3	H	
A.1.182	CH_3	CH_2CH_3	H	
A.1.183	CH_3	CH_2CH_3	H	
A.1.184	CH_3	CH_2CH_3	H	
A.1.185	CH_3	CH_2CH_3	H	
A.1.186	CH_3	CH_2CH_3	H	
A.1.187	CH_3	CH_2CH_3	H	

TABLE A-continued

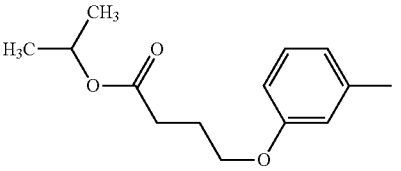
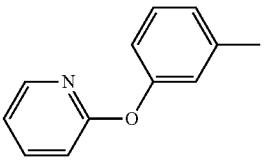
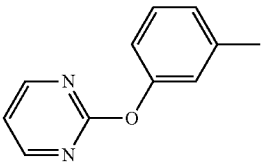
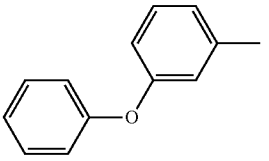
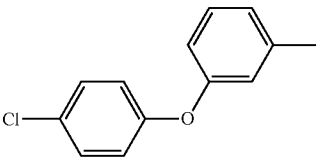
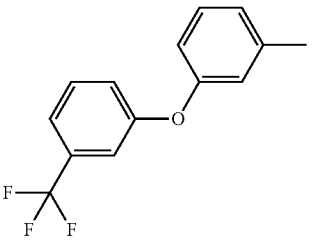
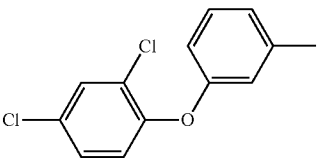
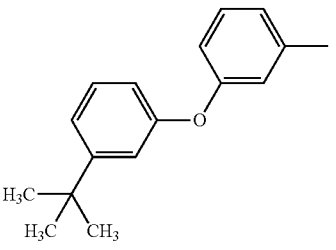
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.188	CH_3	CH_2CH_3	H	
A.1.189	CH_3	CH_2CH_3	H	
A.1.190	CH_3	CH_2CH_3	H	
A.1.191	CH_3	CH_2CH_3	H	
A.1.192	CH_3	CH_2CH_3	H	
A.1.193	CH_3	CH_2CH_3	H	
A.1.194	CH_3	CH_2CH_3	H	
A.1.195	CH_3	CH_2CH_3	H	

TABLE A-continued

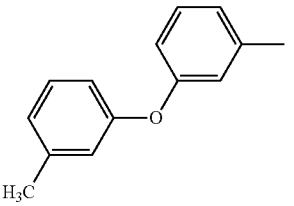
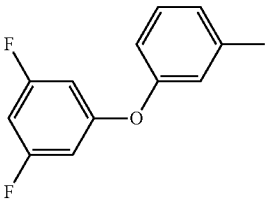
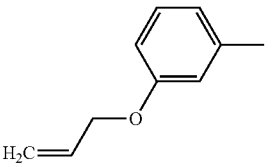
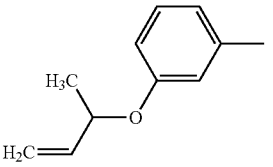
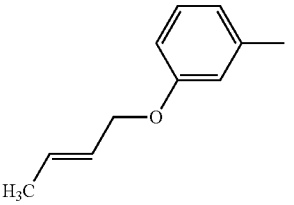
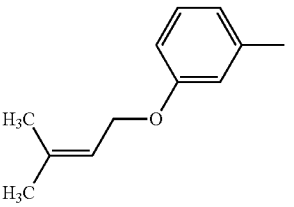
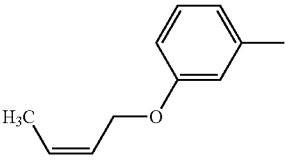
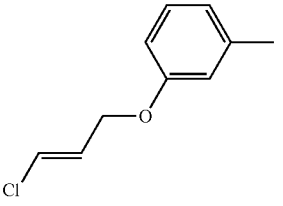
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.196	CH_3	CH_2CH_3	H	
A.1.197	CH_3	CH_2CH_3	H	
A.1.198	CH_3	CH_2CH_3	H	
A.1.199	CH_3	CH_2CH_3	H	
A.1.200	CH_3	CH_2CH_3	H	
A.1.201	CH_3	CH_2CH_3	H	
A.1.202	CH_3	CH_2CH_3	H	
A.1.203	CH_3	CH_2CH_3	H	

TABLE A-continued

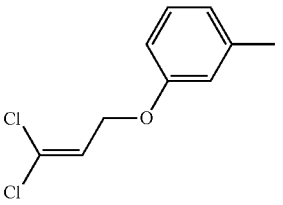
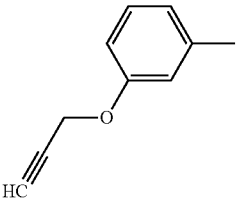
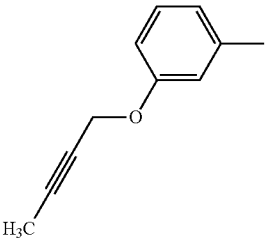
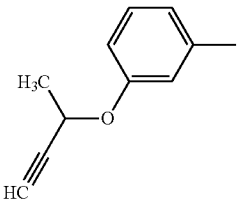
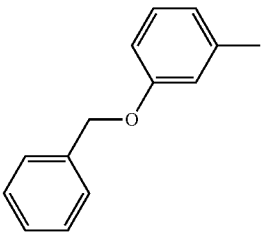
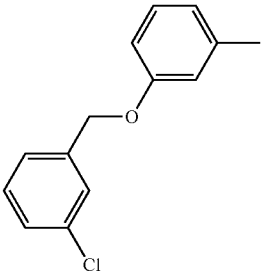
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.204	CH_3	CH_2CH_3	H	
A.1.205	CH_3	CH_2CH_3	H	
A.1.206	CH_3	CH_2CH_3	H	
A.1.207	CH_3	CH_2CH_3	H	
A.1.208	CH_3	CH_2CH_3	H	
A.1.209	CH_3	CH_2CH_3	H	

TABLE A-continued

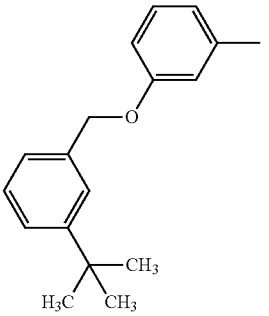
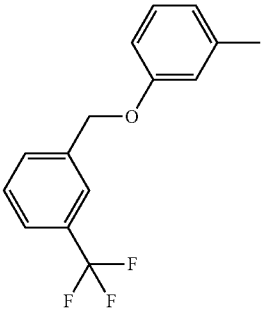
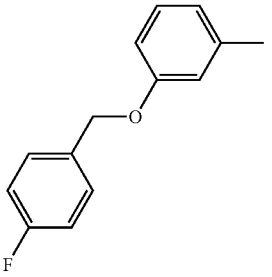
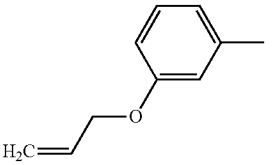
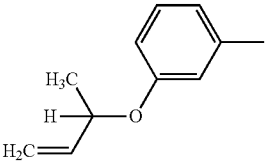
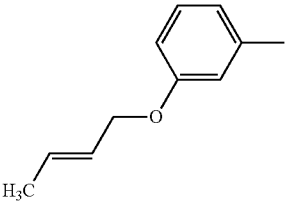
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.210	CH_3	CH_2CH_3	H	
A.1.211	CH_3	CH_2CH_3	H	
A.1.212	CH_3	CH_2CH_3	H	
A.1.213	CH_3	CH_2CH_3	H	
A.1.214	CH_3	CH_2CH_3	H	
A.1.215	CH_3	CH_2CH_3	H	

TABLE A-continued

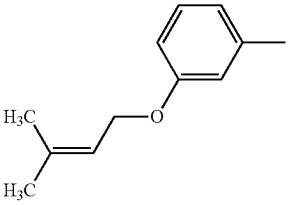
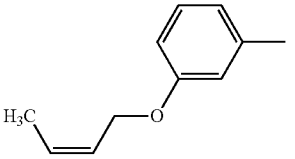
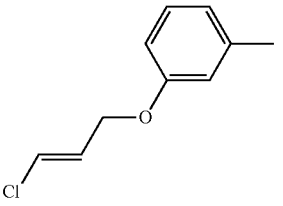
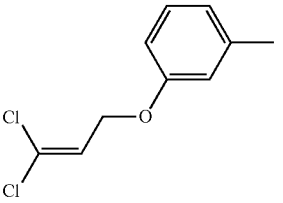
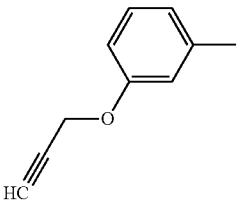
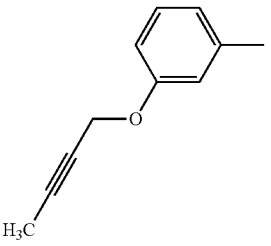
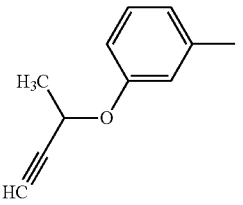
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.216	CH_3	CH_2CH_3	H	
A.1.217	CH_3	CH_2CH_3	H	
A.1.218	CH_3	CH_2CH_3	H	
A.1.219	CH_3	CH_2CH_3	H	
A.1.220	CH_3	CH_2CH_3	H	
A.1.221	CH_3	CH_2CH_3	H	
A.1.222	CH_3	CH_2CH_3	H	

TABLE A-continued

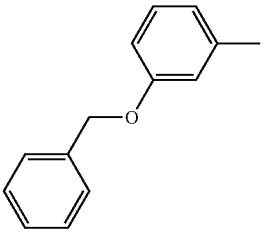
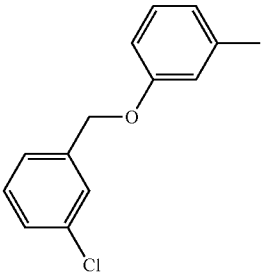
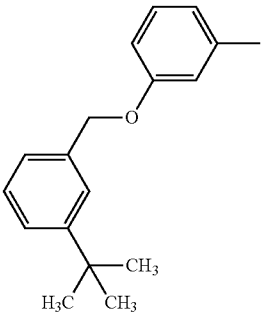
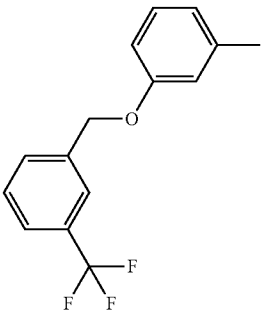
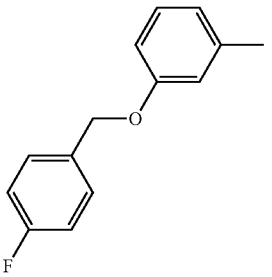
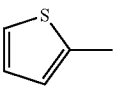
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.223	CH_3	CH_2CH_3	H	
A.1.224	CH_3	CH_2CH_3	H	
A.1.225	CH_3	CH_2CH_3	H	
A.1.226	CH_3	CH_2CH_3	H	
A.1.227	CH_3	CH_2CH_3	H	
A.1.228	CH_3	CH_2CH_3	H	

TABLE A-continued

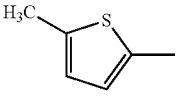
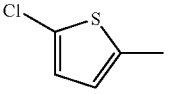
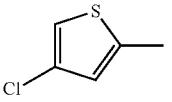
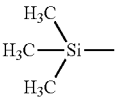
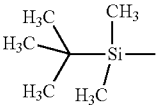
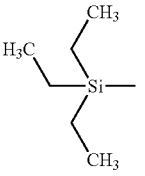
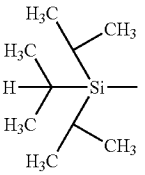
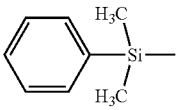
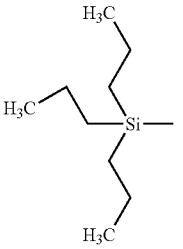
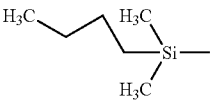
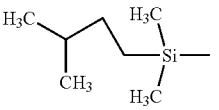
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.229	CH_3	CH_2CH_3	H	
A.1.230	CH_3	CH_2CH_3	H	
A.1.231	CH_3	CH_2CH_3	H	
A.1.232	CH_3	CH_2CH_3	H	H—
A.1.233	CH_3	CH_2CH_3	H	
A.1.234	CH_3	CH_2CH_3	H	
A.1.235	CH_3	CH_2CH_3	H	
A.1.236	CH_3	CH_2CH_3	H	
A.1.237	CH_3	CH_2CH_3	H	
A.1.238	CH_3	CH_2CH_3	H	
A.1.239	CH_3	CH_2CH_3	H	
A.1.240	CH_3	CH_2CH_3	H	

TABLE A-continued

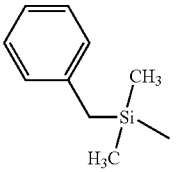
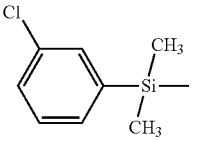
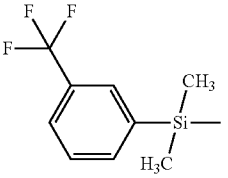
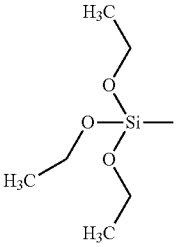
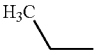
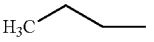
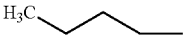
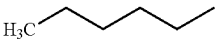
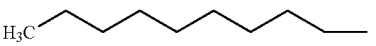
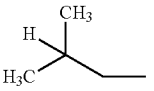
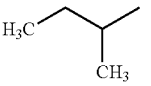
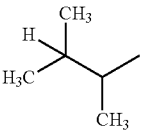
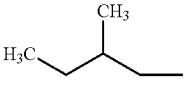
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.241	CH_3	CH_2CH_3	H	
A.1.242	CH_3	CH_2CH_3	H	
A.1.243	CH_3	CH_2CH_3	H	
A.1.244	CH_3	CH_2CH_3	H	
A.1.245	CH_3	CH_2CH_3	H	
A.1.246	CH_3	CH_2CH_3	H	
A.1.247	CH_3	CH_2CH_3	H	
A.1.248	CH_3	CH_2CH_3	H	
A.1.249	CH_3	CH_2CH_3	H	
A.1.250	CH_3	CH_2CH_3	H	
A.1.251	CH_3	CH_2CH_3	H	
A.1.252	CH_3	CH_2CH_3	H	
A.1.253	CH_3	CH_2CH_3	H	
A.1.254	CH_3	CH_2CH_3	H	

TABLE A-continued

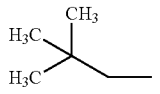
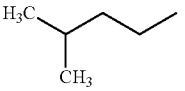
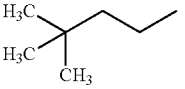
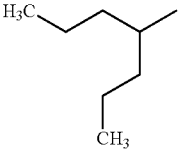
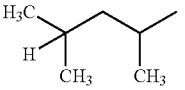
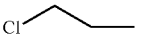
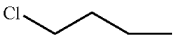
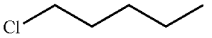
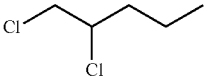
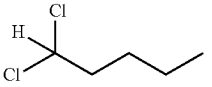
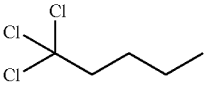
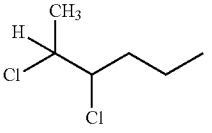
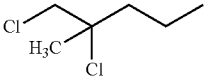
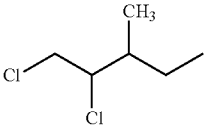
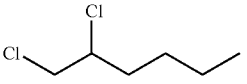
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.255	CH_3	CH_2CH_3	H	
A.1.256	CH_3	CH_2CH_3	H	
A.1.257	CH_3	CH_2CH_3	H	
A.1.258	CH_3	CH_2CH_3	H	
A.1.259	CH_3	CH_2CH_3	H	
A.1.260	CH_3	CH_2CH_3	H	
A.1.261	CH_3	CH_2CH_3	H	
A.1.262	CH_3	CH_2CH_3	H	
A.1.263	CH_3	CH_2CH_3	H	
A.1.264	CH_3	CH_2CH_3	H	
A.1.265	CH_3	CH_2CH_3	H	
A.1.266	CH_3	CH_2CH_3	H	
A.1.267	CH_3	CH_2CH_3	H	
A.1.268	CH_3	CH_2CH_3	H	
A.1.269	CH_3	CH_2CH_3	H	

TABLE A-continued

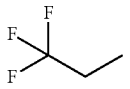
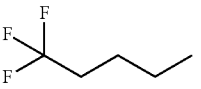
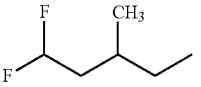
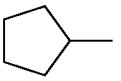
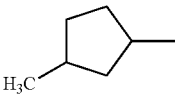
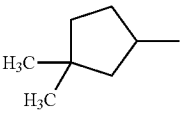
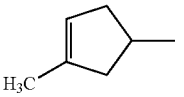
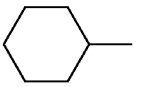
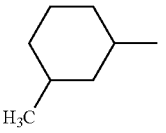
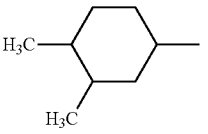
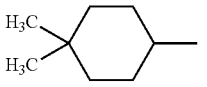
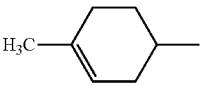
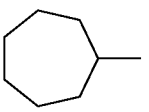
Meanings for R_1, R_2, R_5 and R_6:				
A.1.270	CH_3	CH_2CH_3	H	
A.1.271	CH_3	CH_2CH_3	H	
A.1.272	CH_3	CH_2CH_3	H	
A.1.273	CH_3	CH_2CH_3	H	
A.1.274	CH_3	CH_2CH_3	H	
A.1.275	CH_3	CH_2CH_3	H	
A.1.276	CH_3	CH_2CH_3	H	
A.1.277	CH_3	CH_2CH_3	H	
A.1.278	CH_3	CH_2CH_3	H	
A.1.279	CH_3	CH_2CH_3	H	
A.1.280	CH_3	CH_2CH_3	H	
A.1.281	CH_3	CH_2CH_3	H	
A.1.282	CH_3	CH_2CH_3	H	
A.1.283	CH_3	CH_2CH_3	H	

TABLE A-continued

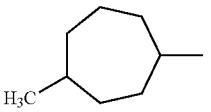
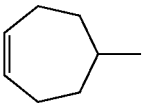
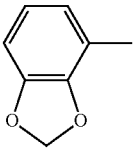
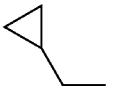
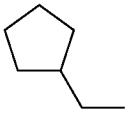
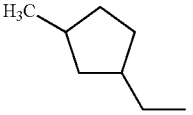
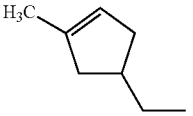
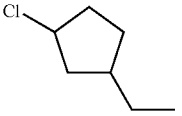
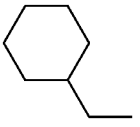
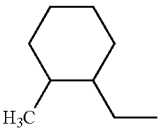
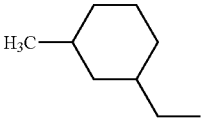
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.284	CH_3	CH_2CH_3	H	
A.1.285	CH_3	CH_2CH_3	H	
A.1.286	CH_3	CH_2CH_3	H	
A.1.287	CH_3	CH_2CH_3	H	
A.1.288	CH_3	CH_2CH_3	H	
A.1.289	CH_3	CH_2CH_3	H	
A.1.290	CH_3	CH_2CH_3	H	
A.1.291	CH_3	CH_2CH_3	H	
A.1.292	CH_3	CH_2CH_3	H	
A.1.293	CH_3	CH_2CH_3	H	
A.1.294	CH_3	CH_2CH_3	H	

TABLE A-continued

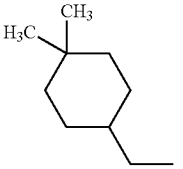
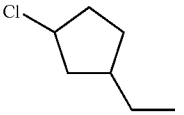
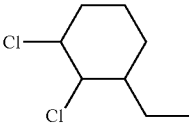
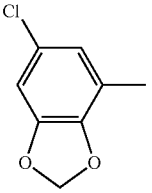
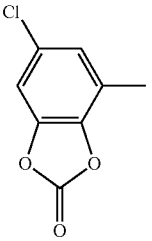
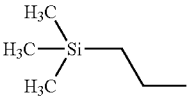
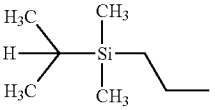
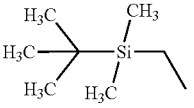
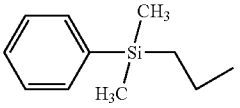
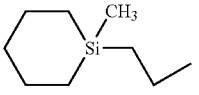
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.295	CH_3	CH_2CH_3	H	
A.1.296	CH_3	CH_2CH_3	H	
A.1.297	CH_3	CH_2CH_3	H	
A.1.298	CH_3	CH_2CH_3	H	
A.1.299	CH_3	CH_2CH_3	H	
A.1.300	CH_3	CH_2CH_3	H	
A.1.301	CH_3	CH_2CH_3	H	
A.1.302	CH_3	CH_2CH_3	H	
A.1.303	CH_3	CH_2CH_3	H	
A.1.304	CH_3	CH_2CH_3	H	

TABLE A-continued

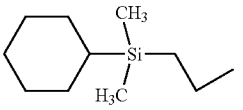
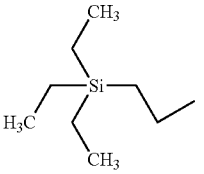
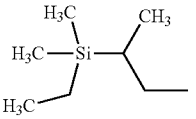
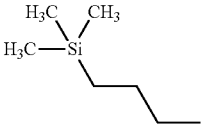
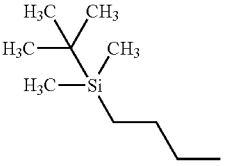
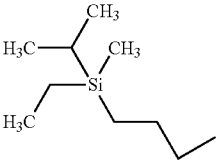
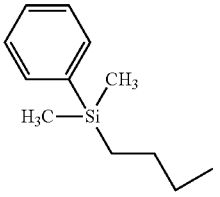
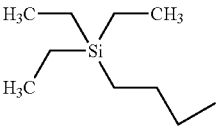
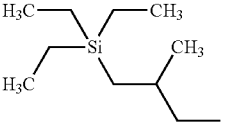
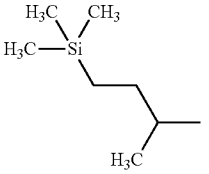
		Meanings for R_1, R_2, R_5 and R_6:		
A.1.305	CH_3	CH_2CH_3	H	
A.1.306	CH_3	CH_2CH_3	H	
A.1.307	CH_3	CH_2CH_3	H	
A.1.308	CH_3	CH_2CH_3	H	
A.1.309	CH_3	CH_2CH_3	H	
A.1.310	CH_3	CH_2CH_3	H	
A.1.311	CH_3	CH_2CH_3	H	
A.1.312	CH_3	CH_2CH_3	H	
A.1.313	CH_3	CH_2CH_3	H	
A.1.314	CH_3	CH_2CH_3	H	

TABLE A-continued

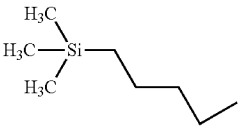
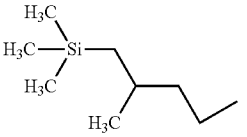
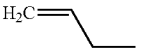
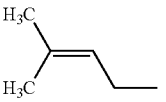
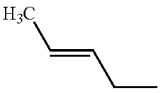
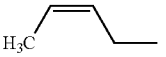
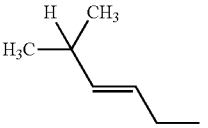
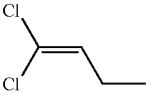
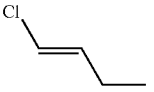
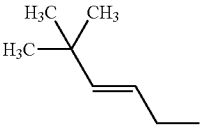
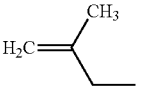
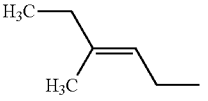
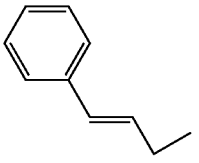
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.315	CH_3	CH_2CH_3	H	
A.1.316	CH_3	CH_2CH_3	H	
A.1.317	CH_3	CH_2CH_3	H	
A.1.318	CH_3	CH_2CH_3	H	
A.1.319	CH_3	CH_2CH_3	H	
A.1.320	CH_3	CH_2CH_3	H	
A.1.321	CH_3	CH_2CH_3	H	
A.1.322	CH_3	CH_2CH_3	H	
A.1.323	CH_3	CH_2CH_3	H	
A.1.324	CH_3	CH_2CH_3	H	
A.1.325	CH_3	CH_2CH_3	H	
A.1.326	CH_3	CH_2CH_3	H	
A.1.327	CH_3	CH_2CH_3	H	

TABLE A-continued

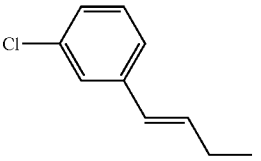
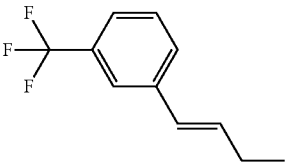
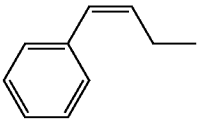
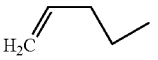
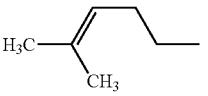
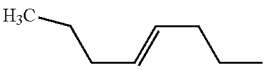
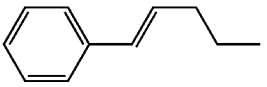
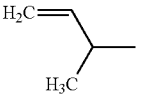
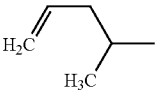
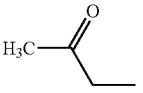
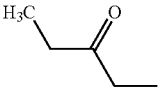
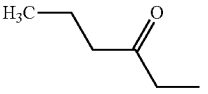
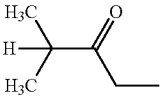
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.328	CH_3	CH_2CH_3	H	
A.1.329	CH_3	CH_2CH_3	H	
A.1.330	CH_3	CH_2CH_3	H	
A.1.331	CH_3	CH_2CH_3	H	
A.1.332	CH_3	CH_2CH_3	H	
A.1.333	CH_3	CH_2CH_3	H	
A.1.334	CH_3	CH_2CH_3	H	
A.1.335	CH_3	CH_2CH_3	H	
A.1.336	CH_3	CH_2CH_3	H	
A.1.337	CH_3	CH_2CH_3	H	
A.1.338	CH_3	CH_2CH_3	H	
A.1.339	CH_3	CH_2CH_3	H	
A.1.340	CH_3	CH_2CH_3	H	

TABLE A-continued

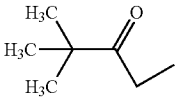
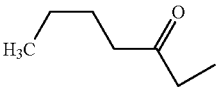
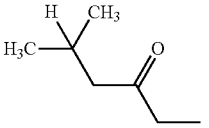
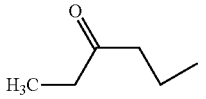
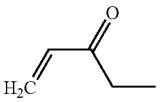
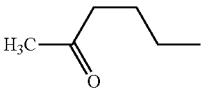
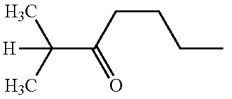
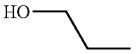
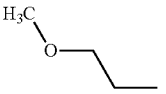
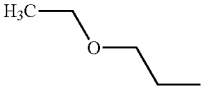
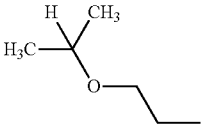
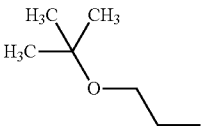
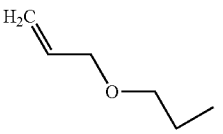
Meanings for R_1, R_2, R_5 and R_6:				
A.1.341	CH_3	CH_2CH_3	H	
A.1.342	CH_3	CH_2CH_3	H	
A.1.343	CH_3	CH_2CH_3	H	
A.1.344	CH_3	CH_2CH_3	H	
A.1.345	CH_3	CH_2CH_3	H	
A.1.346	CH_3	CH_2CH_3	H	
A.1.347	CH_3	CH_2CH_3	H	
A.1.348	CH_3	CH_2CH_3	H	
A.1.349	CH_3	CH_2CH_3	H	
A.1.350	CH_3	CH_2CH_3	H	
A.1.351	CH_3	CH_2CH_3	H	
A.1.352	CH_3	CH_2CH_3	H	
A.1.353	CH_3	CH_2CH_3	H	

TABLE A-continued

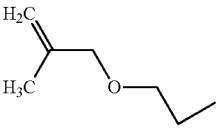
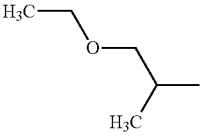
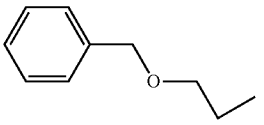
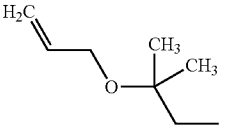
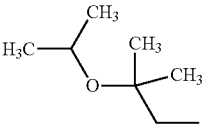
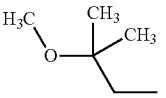
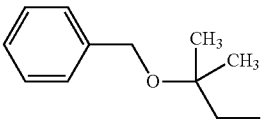
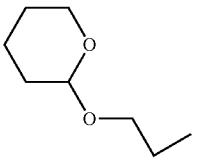
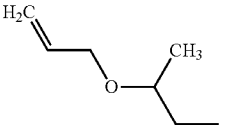
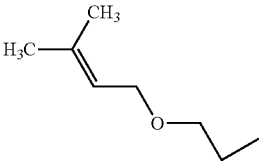
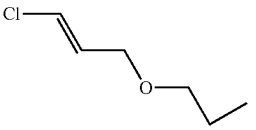
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.354	CH_3	CH_2CH_3	H	
A.1.355	CH_3	CH_2CH_3	H	
A.1.356	CH_3	CH_2CH_3	H	
A.1.357	CH_3	CH_2CH_3	H	
A.1.358	CH_3	CH_2CH_3	H	
A.1.359	CH_3	CH_2CH_3	H	
A.1.360	CH_3	CH_2CH_3	H	
A.1.361	CH_3	CH_2CH_3	H	
A.1.362	CH_3	CH_2CH_3	H	
A.1.363	CH_3	CH_2CH_3	H	
A.1.364	CH_3	CH_2CH_3	H	

TABLE A-continued

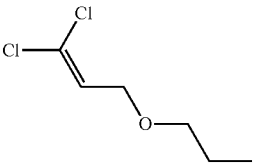
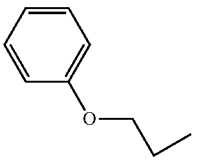
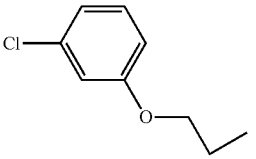
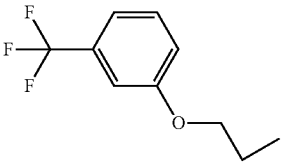
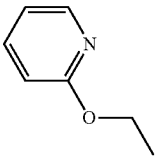
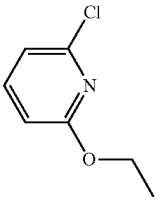
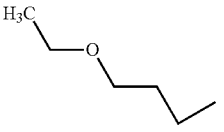
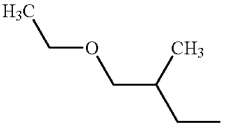
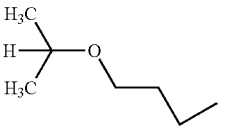
Meanings for R_1, R_2, R_5 and R_6:				
A.1.365	CH_3	CH_2CH_3	H	
A.1.366	CH_3	CH_2CH_3	H	
A.1.367	CH_3	CH_2CH_3	H	
A.1.368	CH_3	CH_2CH_3	H	
A.1.369	CH_3	CH_2CH_3	H	
A.1.370	CH_3	CH_2CH_3	H	
A.1.371	CH_3	CH_2CH_3	H	
A.1.372	CH_3	CH_2CH_3	H	
A.1.373	CH_3	CH_2CH_3	H	

TABLE A-continued

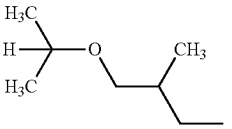
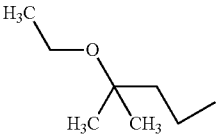
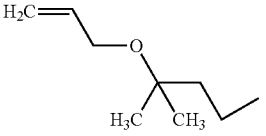
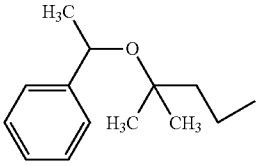
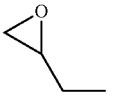
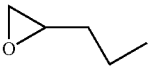
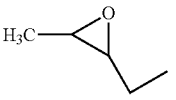
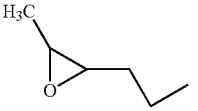
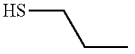
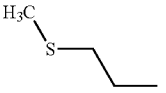
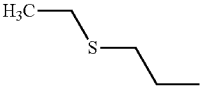
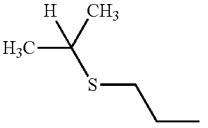
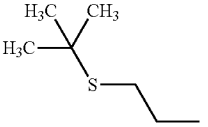
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.374	CH_3	CH_2CH_3	H	
A.1.375	CH_3	CH_2CH_3	H	
A.1.376	CH_3	CH_2CH_3	H	
A.1.377	CH_3	CH_2CH_3	H	
A.1.378	CH_3	CH_2CH_3	H	
A.1.379	CH_3	CH_2CH_3	H	
A.1.380	CH_3	CH_2CH_3	H	
A.1.381	CH_3	CH_2CH_3	H	
A.1.382	CH_3	CH_2CH_3	H	
A.1.383	CH_3	CH_2CH_3	H	
A.1.384	CH_3	CH_2CH_3	H	
A.1.385	CH_3	CH_2CH_3	H	
A.1.386	CH_3	CH_2CH_3	H	

TABLE A-continued

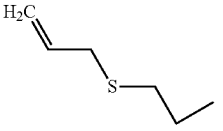
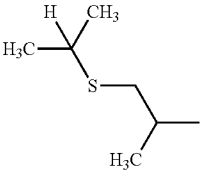
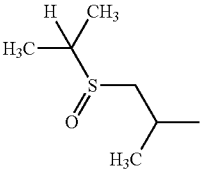
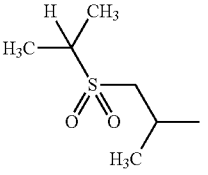
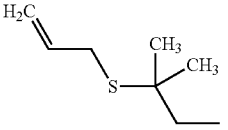
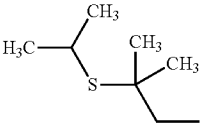
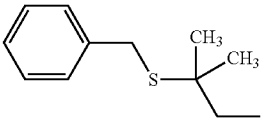
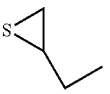
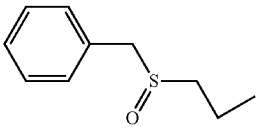
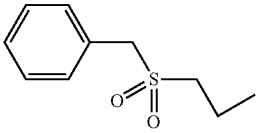
Meanings for R_1, R_2, R_5 and R_6:				
A.1.387	CH_3	CH_2CH_3	H	
A.1.388	CH_3	CH_2CH_3	H	
A.1.389	CH_3	CH_2CH_3	H	
A.1.390	CH_3	CH_2CH_3	H	
A.1.391	CH_3	CH_2CH_3	H	
A.1.392	CH_3	CH_2CH_3	H	
A.1.393	CH_3	CH_2CH_3	H	
A.1.394	CH_3	CH_2CH_3	H	
A.1.395	CH_3	CH_2CH_3	H	
A.1.396	CH_3	CH_2CH_3	H	

TABLE A-continued

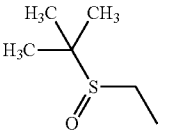
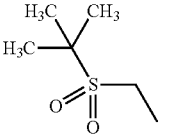
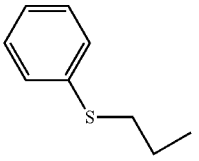
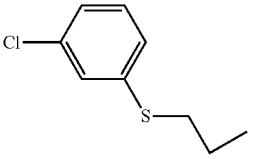
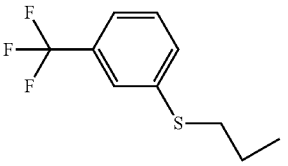
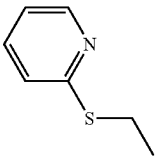
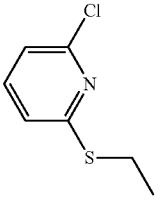
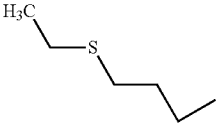
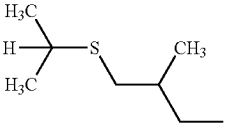
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.397	CH_3	CH_2CH_3	H	
A.1.398	CH_3	CH_2CH_3	H	
A.1.399	CH_3	CH_2CH_3	H	
A.1.400	CH_3	CH_2CH_3	H	
A.1.401	CH_3	CH_2CH_3	H	
A.1.402	CH_3	CH_2CH_3	H	
A.1.403	CH_3	CH_2CH_3	H	
A.1.404	CH_3	CH_2CH_3	H	
A.1.405	CH_3	CH_2CH_3	H	

TABLE A-continued

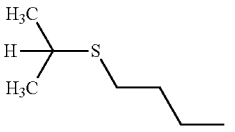
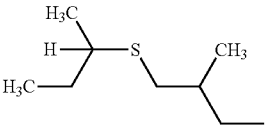
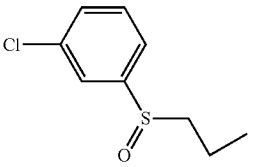
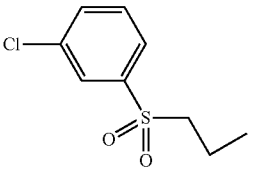
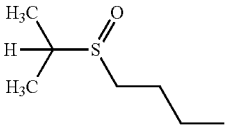
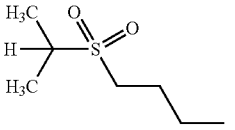
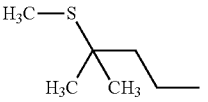
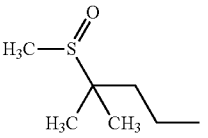
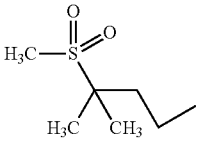
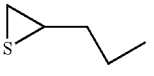
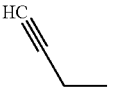
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.406	CH_3	CH_2CH_3	H	
A.1.407	CH_3	CH_2CH_3	H	
A.1.408	CH_3	CH_2CH_3	H	
A.1.409	CH_3	CH_2CH_3	H	
A.1.410	CH_3	CH_2CH_3	H	
A.1.411	CH_3	CH_2CH_3	H	
A.1.412	CH_3	CH_2CH_3	H	
A.1.413	CH_3	CH_2CH_3	H	
A.1.414	CH_3	CH_2CH_3	H	
A.1.415	CH_3	CH_2CH_3	H	
A.1.416	CH_3	CH_2CH_3	H	

TABLE A-continued

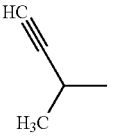
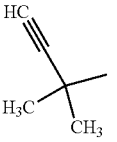
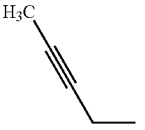
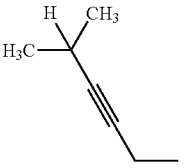
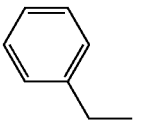
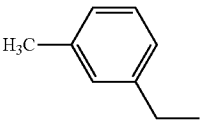
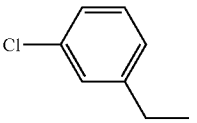
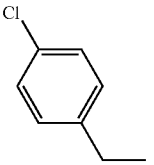
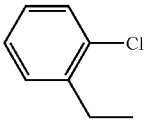
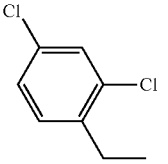
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.417	CH_3	CH_2CH_3	H	
A.1.418	CH_3	CH_2CH_3	H	
A.1.419	CH_3	CH_2CH_3	H	
A.1.420	CH_3	CH_2CH_3	H	
A.1.421	CH_3	CH_2CH_3	H	
A.1.422	CH_3	CH_2CH_3	H	
A.1.423	CH_3	CH_2CH_3	H	
A.1.424	CH_3	CH_2CH_3	H	
A.1.425	CH_3	CH_2CH_3	H	
A.1.426	CH_3	CH_2CH_3	H	

TABLE A-continued

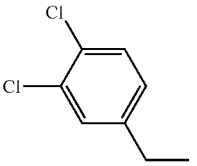
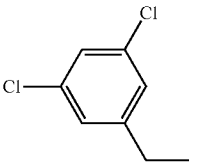
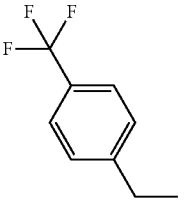
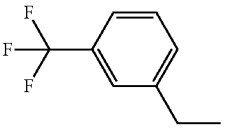
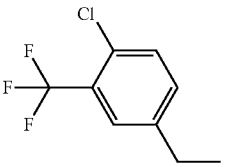
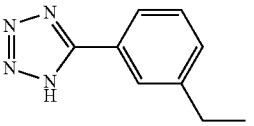
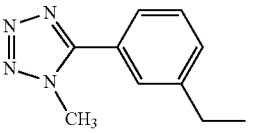
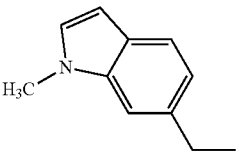
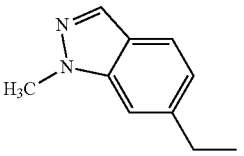
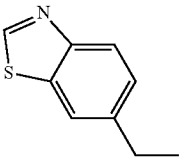
	Meanings for R_1, R_2, R_5 and R_6:			
A.1.427	CH_3	CH_2CH_3	H	
A.1.428	CH_3	CH_2CH_3	H	
A.1.429	CH_3	CH_2CH_3	H	
A.1.430	CH_3	CH_2CH_3	H	
A.1.431	CH_3	CH_2CH_3	H	
A.1.432	CH_3	CH_2CH_3	H	
A.1.433	CH_3	CH_2CH_3	H	
A.1.434	CH_3	CH_2CH_3	H	
A.1.435	CH_3	CH_2CH_3	H	

TABLE A-continued

Meanings for R_1, R_2, R_5 and R_6:				
A.1.436	CH_3	CH_2CH_3	H	

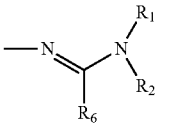
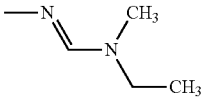
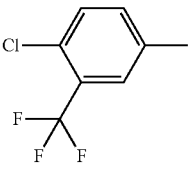
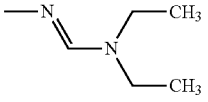
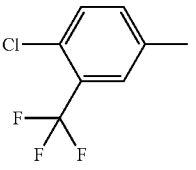
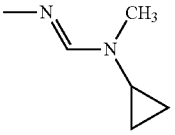
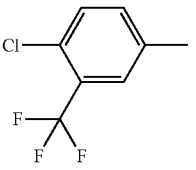
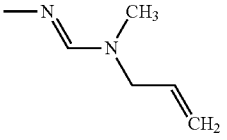
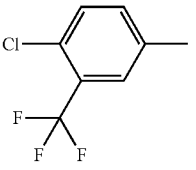
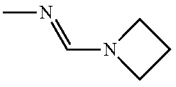
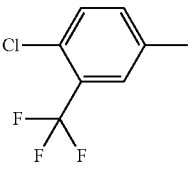
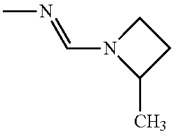
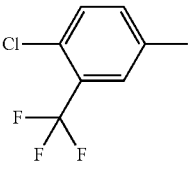
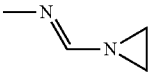
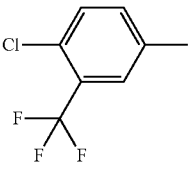
Line		R_5
A.1.437		
A.1.438		
A.1.439		
A.1.440		
A.1.441		
A.1.442		
A.1.443		

TABLE A-continued

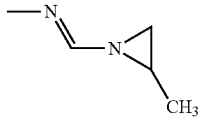
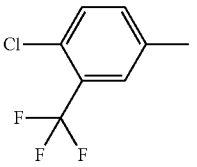
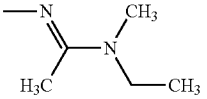
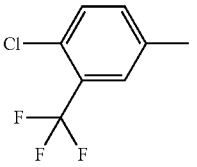
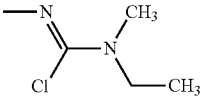
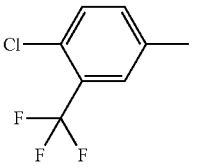
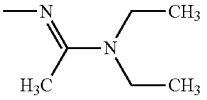
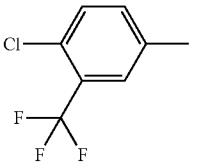
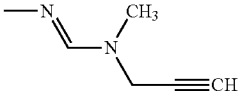
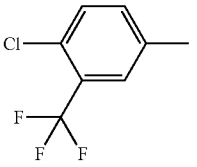
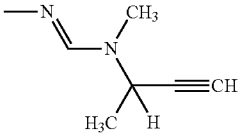
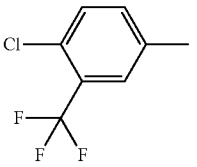
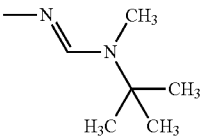
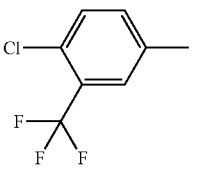
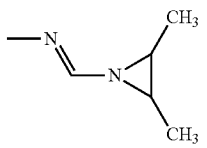
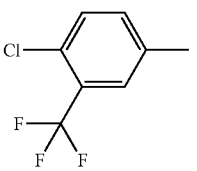
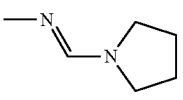
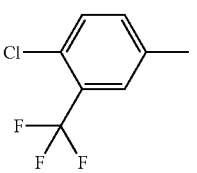
Meanings for R_1, R_2, R_5 and R_6:		
A.1.444		
A.1.445		
A.1.446		
A.1.447		
A.1.448		
A.1.449		
A.1.450		
A.1.451		
A.1.452		

TABLE A-continued

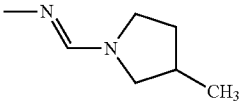
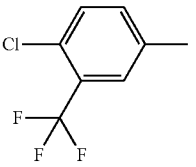
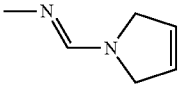
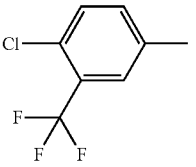
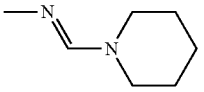
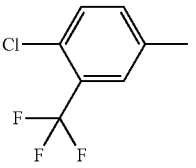
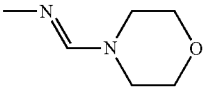
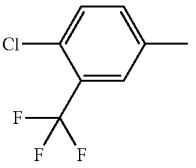
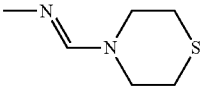
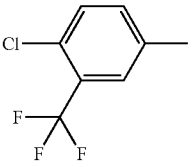
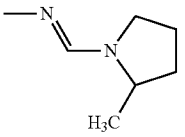
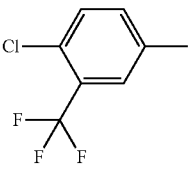
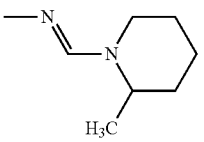
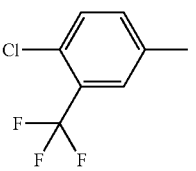
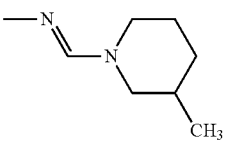
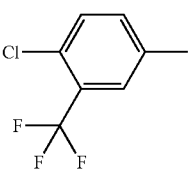
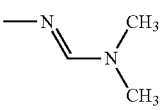
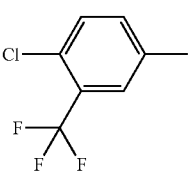
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.453		
A.1.454		
A.1.455		
A.1.456		
A.1.457		
A.1.458		
A.1.459		
A.1.460		
A.1.461		

TABLE A-continued

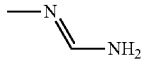
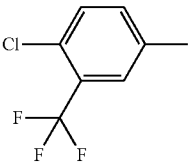
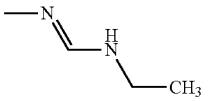
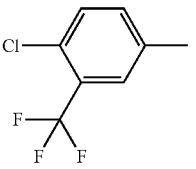
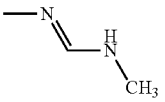
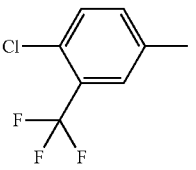
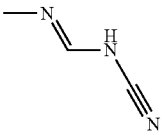
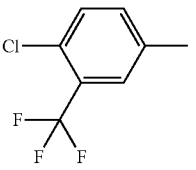
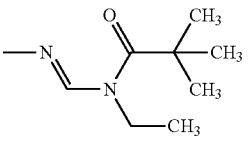
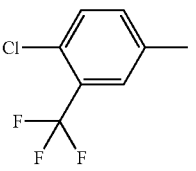
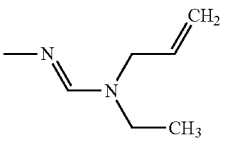
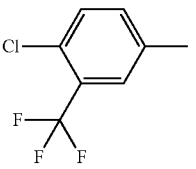
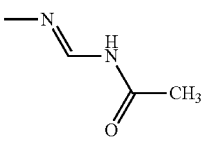
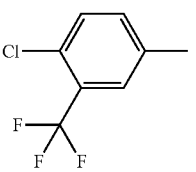
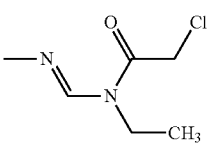
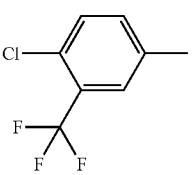
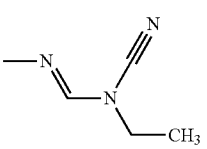
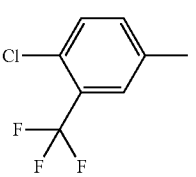
Meanings for R_1, R_2, R_5 and R_6:		
A.1.462		
A.1.463		
A.1.464		
A.1.465		
A.1.466		
A.1.467		
A.1.468		
A.1.469		
A.1.470		

TABLE A-continued

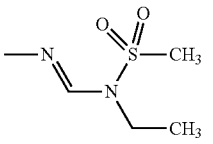
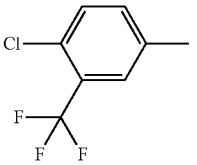
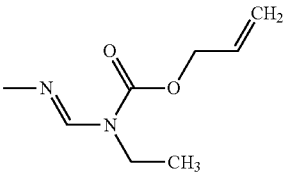
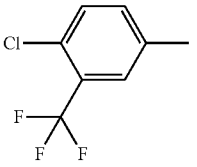
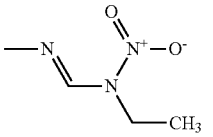
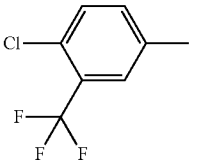
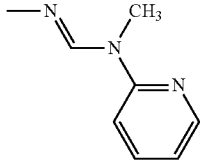
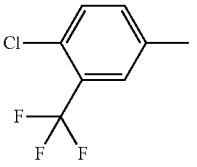
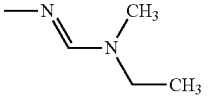
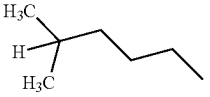
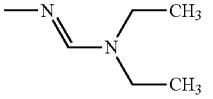
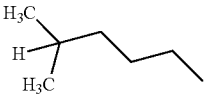
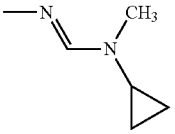
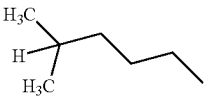
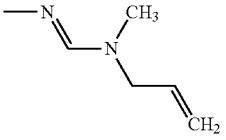
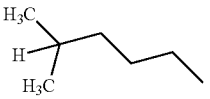
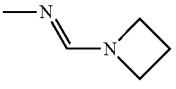
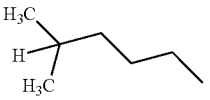
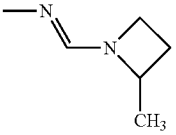
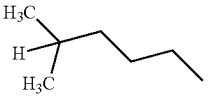
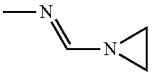
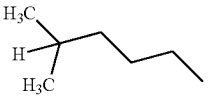
Meanings for R_1, R_2, R_5 and R_6:		
A.1.471		
A.1.472		
A.1.473		
A.1.474		
A.1.475		
A.1.476		
A.1.477		
A.1.478		
A.1.479		
A.1.480		
A.1.481		

TABLE A-continued

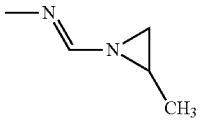
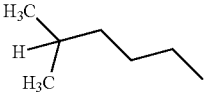
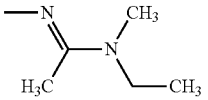
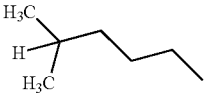
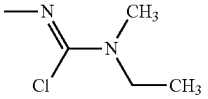
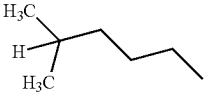
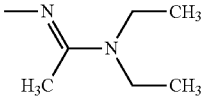
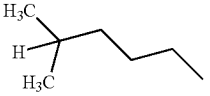
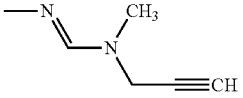
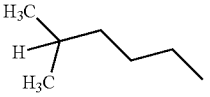
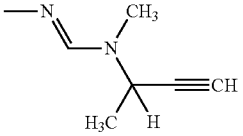
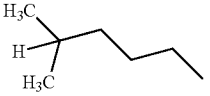
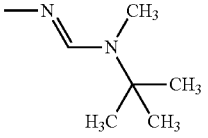
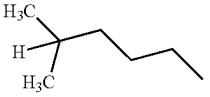
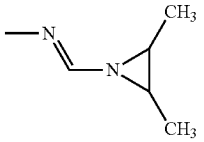
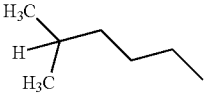
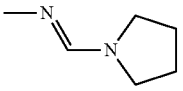
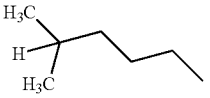
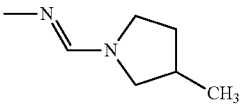
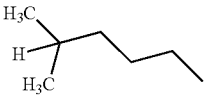
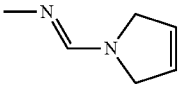
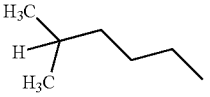
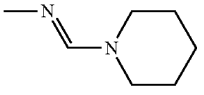
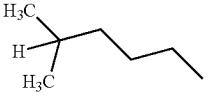
Meanings for R_1, R_2, R_5 and R_6:		
A.1.482		
A.1.483		
A.1.484		
A.1.485		
A.1.486		
A.1.487		
A.1.488		
A.1.489		
A.1.490		
A.1.491		
A.1.492		
A.1.493		

TABLE A-continued

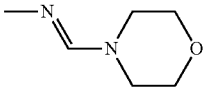
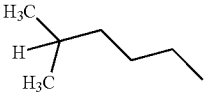
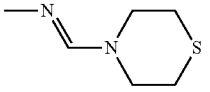
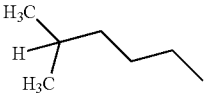
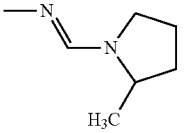
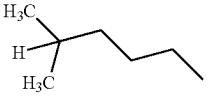
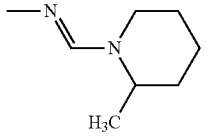
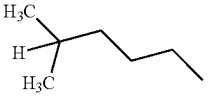
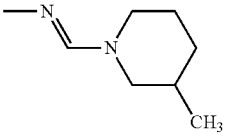
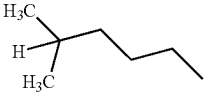
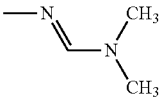
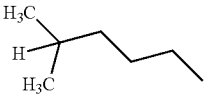
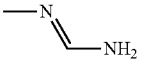
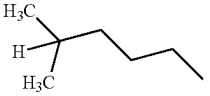
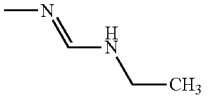
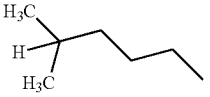
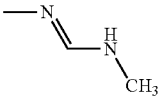
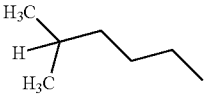
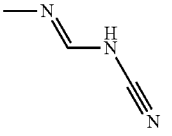
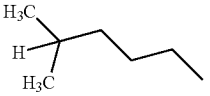
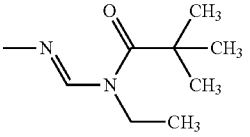
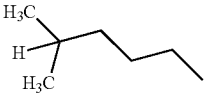
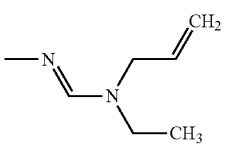
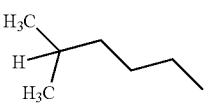
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.494		
A.1.495		
A.1.496		
A.1.497		
A.1.498		
A.1.499		
A.1.500		
A.1.501		
A.1.502		
A.1.503		
A.1.504		
A.1.505		

TABLE A-continued

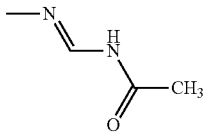
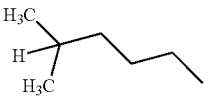
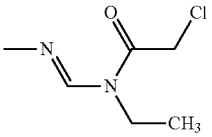
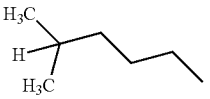
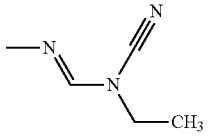
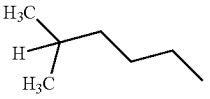
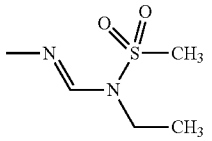
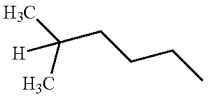
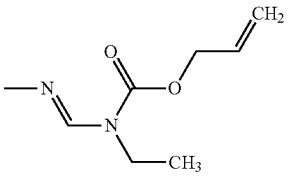
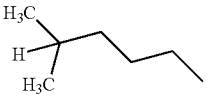
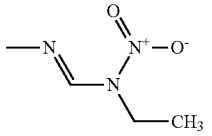
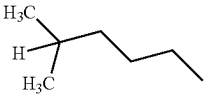
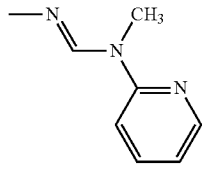
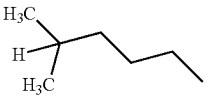
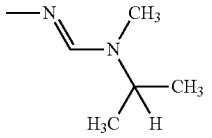
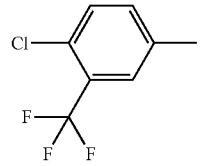
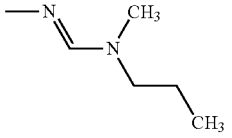
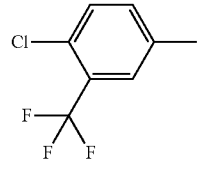
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.506		
A.1.507		
A.1.508		
A.1.509		
A.1.510		
A.1.511		
A.1.512		
A.1.513		
A.1.514		

TABLE A-continued

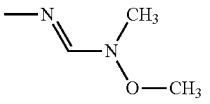
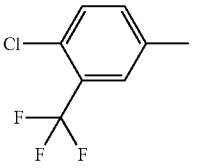
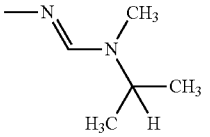
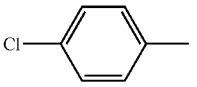
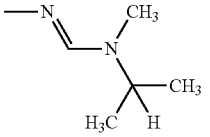
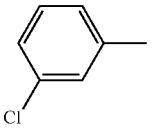
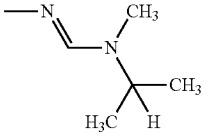
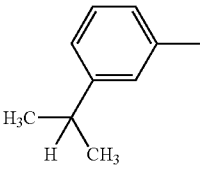
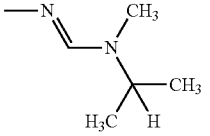
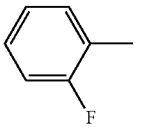
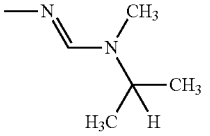
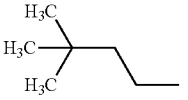
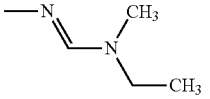
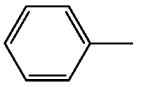
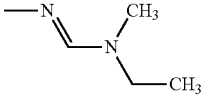
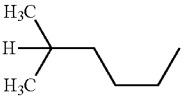
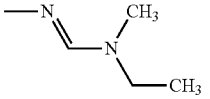
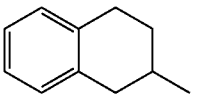
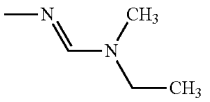
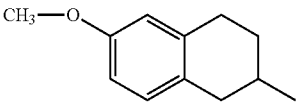
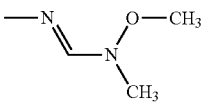
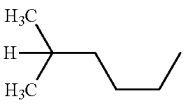
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.515		
A.1.516		
A.1.517		
A.1.518		
A.1.519		
A.1.520		
A.1.521		
A.1.522		
A.1.523		
A.1.524		
A.1.525		

TABLE A-continued

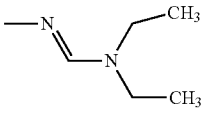
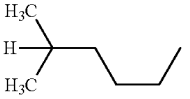
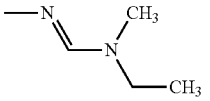
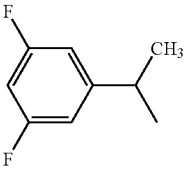
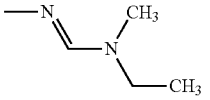
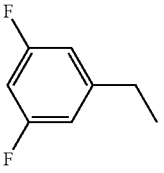
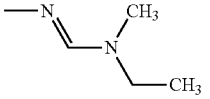
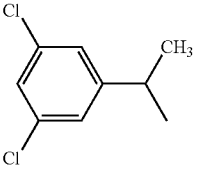
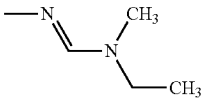
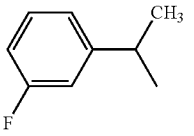
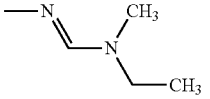
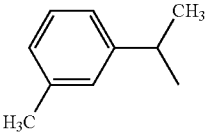
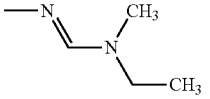
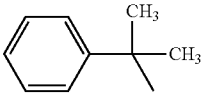
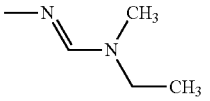
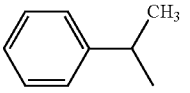
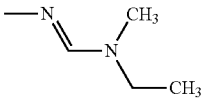
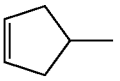
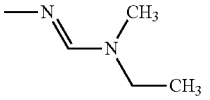
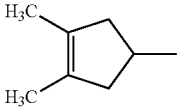
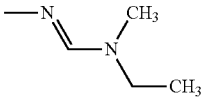
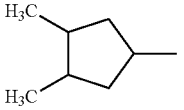
Meanings for R_1, R_2, R_5 and R_6:		
A.1.526		
A.1.527		
A.1.528		
A.1.529		
A.1.530		
A.1.531		
A.1.532		
A.1.533		
A.1.534		
A.1.535		
A.1.536		

TABLE A-continued

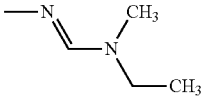
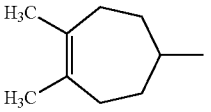
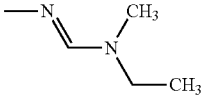
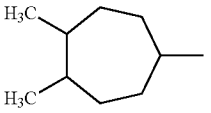
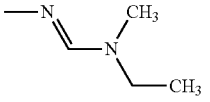
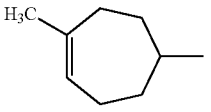
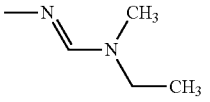
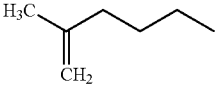
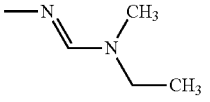
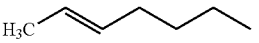
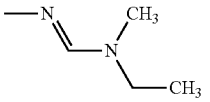
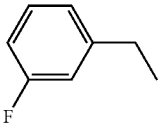
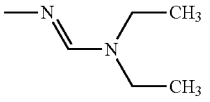
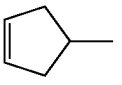
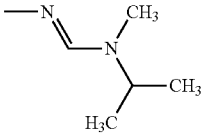
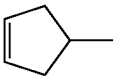
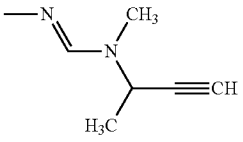
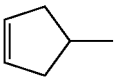
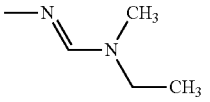
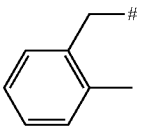
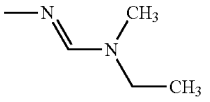
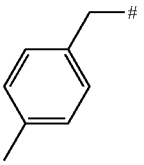
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.537		
A.1.538		
A.1.539		
A.1.540		
A.1.541		
A.1.542		
A.1.543		
A.1.544		
A.1.545		
A.1.546		
A.1.547		

TABLE A-continued

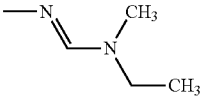
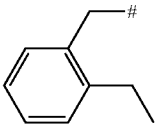
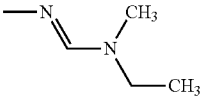
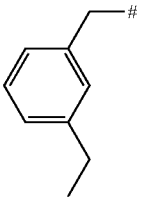
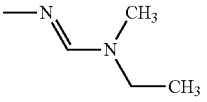
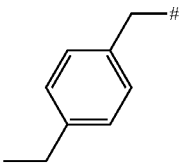
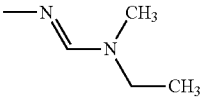
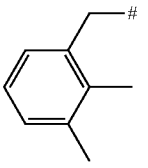
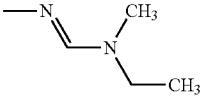
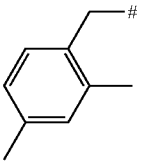
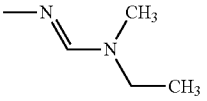
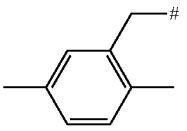
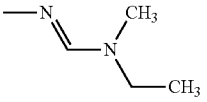
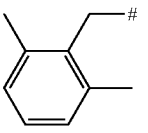
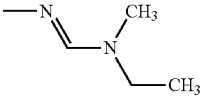
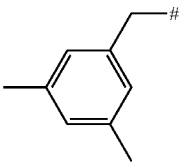
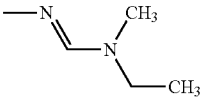
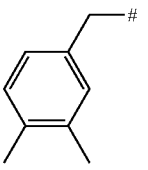
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.548		
A.1.549		
A.1.550		
A.1.551		
A.1.552		
A.1.553		
A.1.554		
A.1.555		
A.1.556		

TABLE A-continued

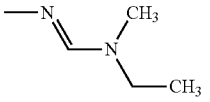
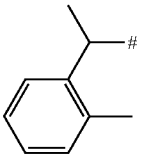
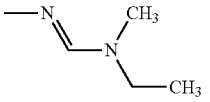
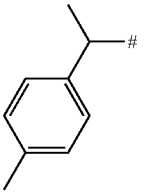
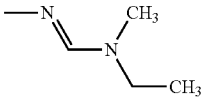
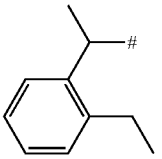
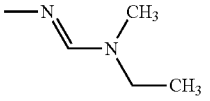
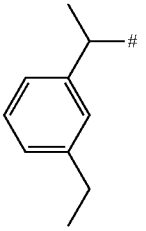
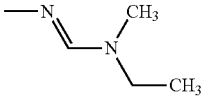
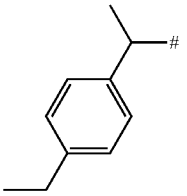
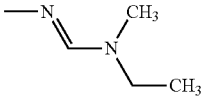
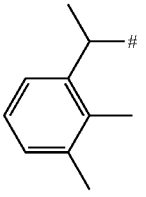
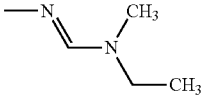
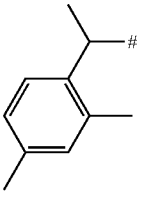
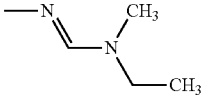
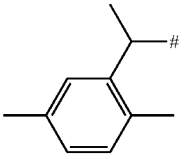
Meanings for R_1, R_2, R_5 and R_6:		
A.1.557		
A.1.558		
A.1.559		
A.1.560		
A.1.561		
A.1.562		
A.1.563		
A.1.564		

TABLE A-continued

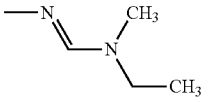
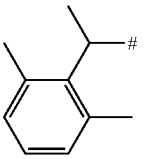
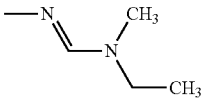
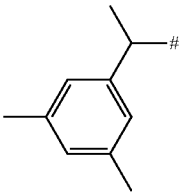
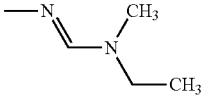
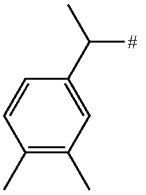
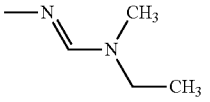
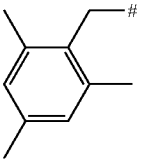
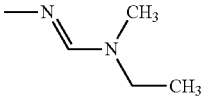
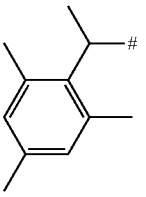
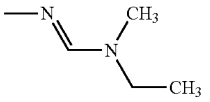
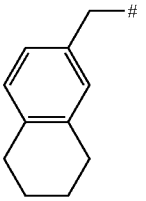
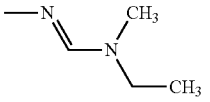
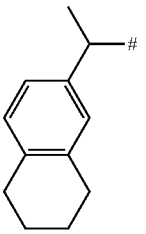
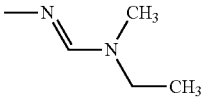
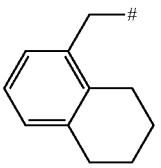
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.565		
A.1.566		
A.1.567		
A.1.568		
A.1.569		
A.1.570		
A.1.571		
A.1.572		

TABLE A-continued

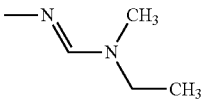
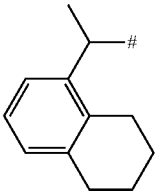
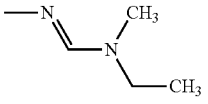
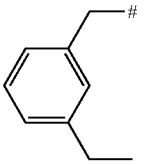
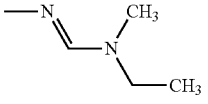
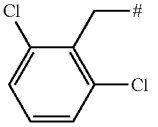
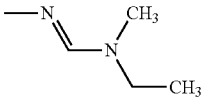
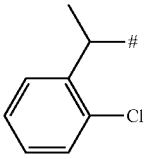
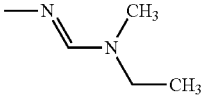
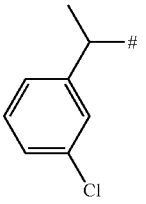
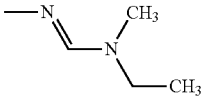
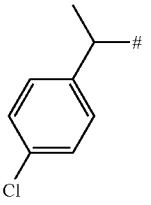
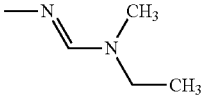
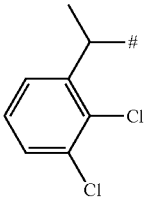
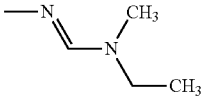
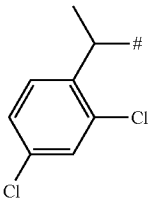
Meanings for R_1, R_2, R_5 and R_6:		
A.1.573		
A.1.574		
A.1.575		
A.1.576		
A.1.577		
A.1.578		
A.1.579		
A.1.580		

TABLE A-continued

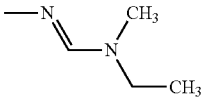
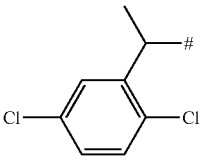
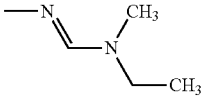
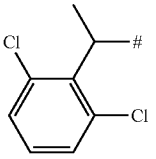
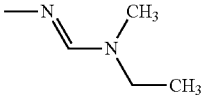
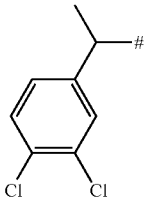
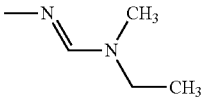
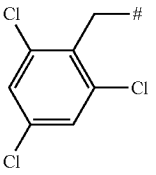
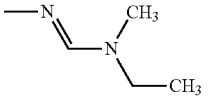
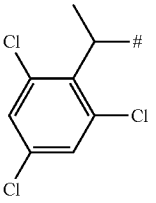
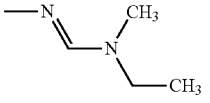
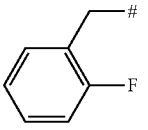
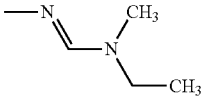
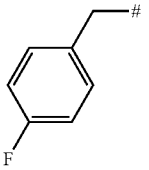
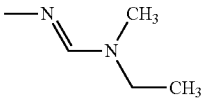
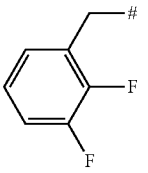
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.581		
A.1.582		
A.1.583		
A.1.584		
A.1.585		
A.1.586		
A.1.587		
A.1.588		

TABLE A-continued

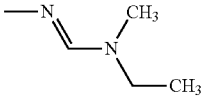
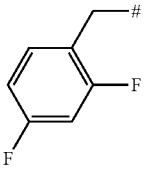
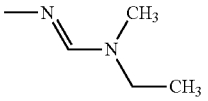
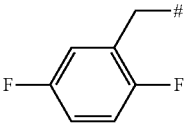
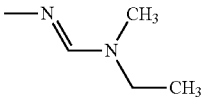
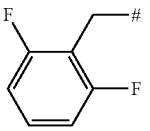
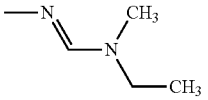
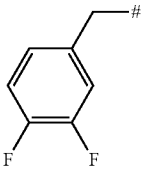
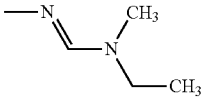
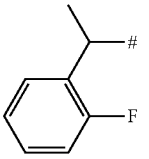
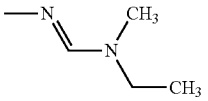
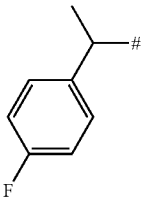
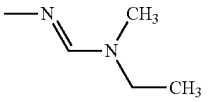
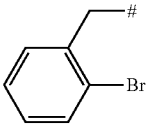
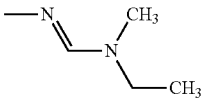
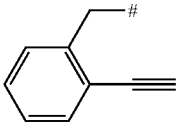
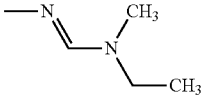
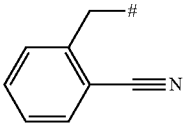
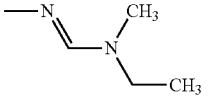
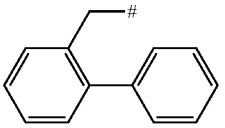
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.589		
A.1.590		
A.1.591		
A.1.592		
A.1.593		
A.1.594		
A.1.595		
A.1.596		
A.1.597		
A.1.598		

TABLE A-continued

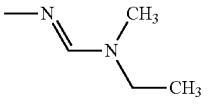
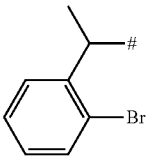
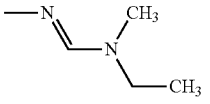
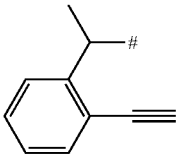
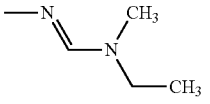
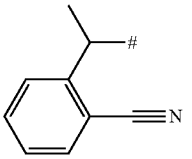
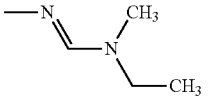
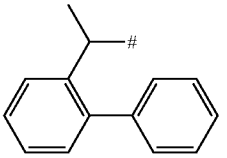
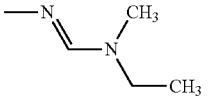
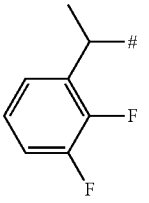
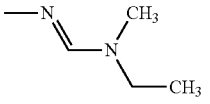
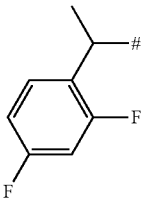
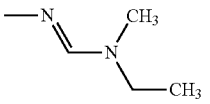
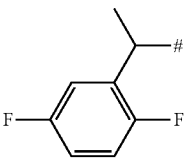
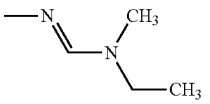
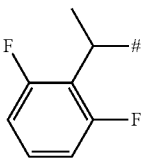
Meanings for R_1, R_2, R_5 and R_6:		
A.1.599		
A.1.600		
A.1.601		
A.1.602		
A.1.603		
A.1.604		
A.1.605		
A.1.606		

TABLE A-continued

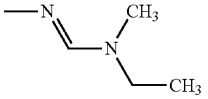
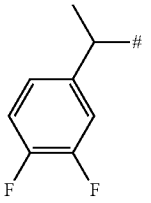
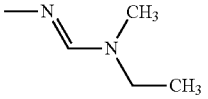
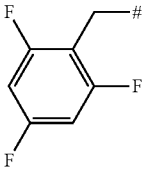
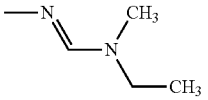
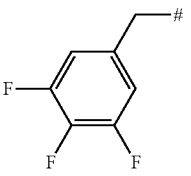
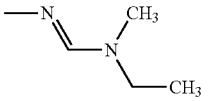
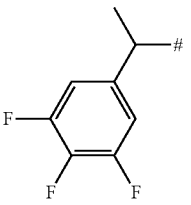
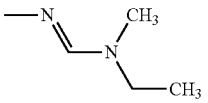
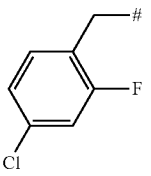
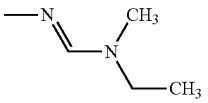
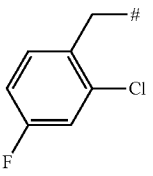
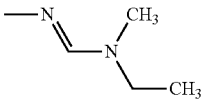
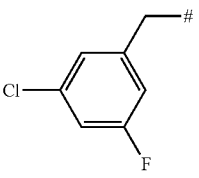
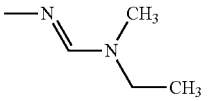
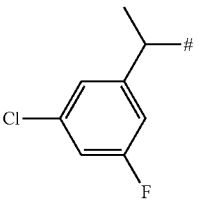
Meanings for R_1, R_2, R_5 and R_6:		
A.1.607		
A.1.608		
A.1.609		
A.1.610		
A.1.611		
A.1.612		
A.1.613		
A.1.614		

TABLE A-continued

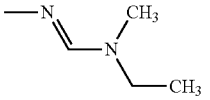
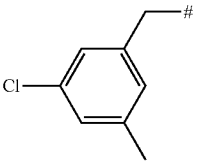
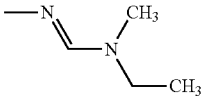
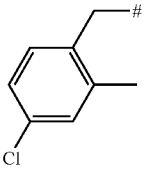
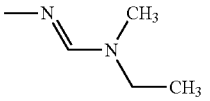
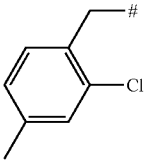
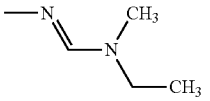
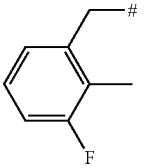
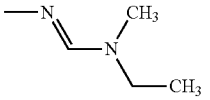
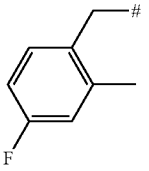
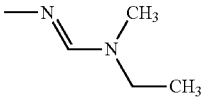
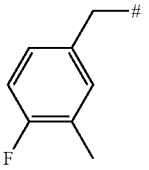
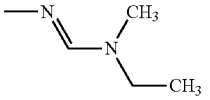
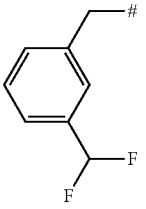
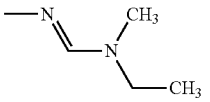
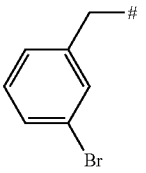
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.615		
A.1.616		
A.1.617		
A.1.618		
A.1.619		
A.1.620		
A.1.621		
A.1.622		

TABLE A-continued

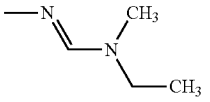
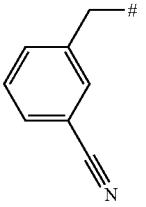
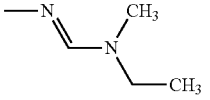
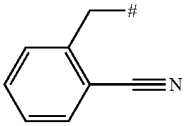
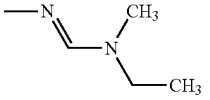
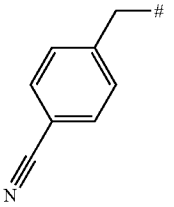
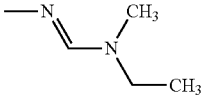
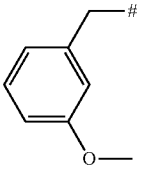
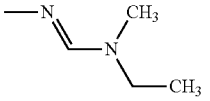
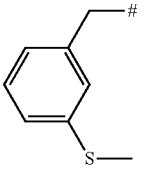
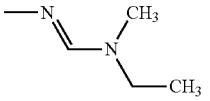
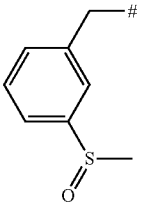
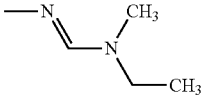
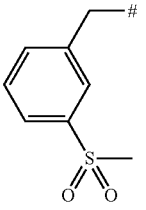
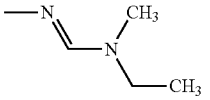
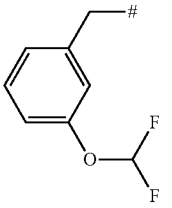
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.623		
A.1.624		
A.1.625		
A.1.626		
A.1.627		
A.1.628		
A.1.629		
A.1.630		

TABLE A-continued

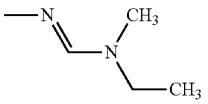
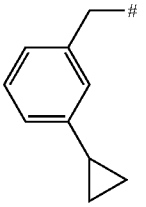
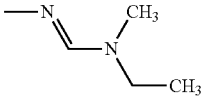
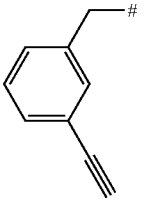
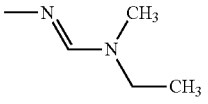
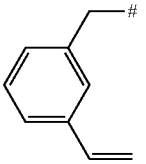
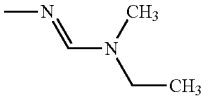
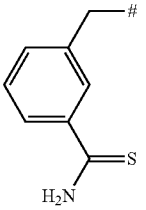
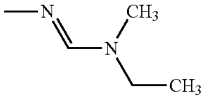
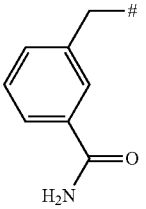
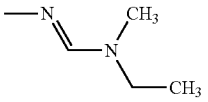
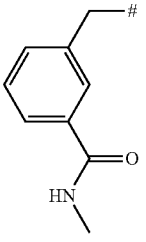
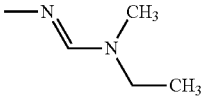
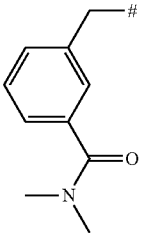
Meanings for R_1, R_2, R_5 and R_6:		
A.1.631		
A.1.632		
A.1.633		
A.1.634		
A.1.635		
A.1.636		
A.1.637		

TABLE A-continued

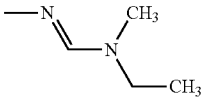
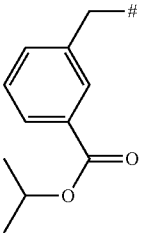
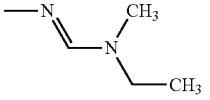
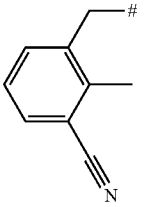
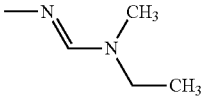
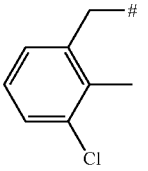
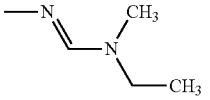
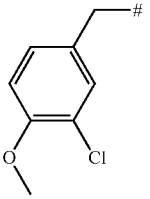
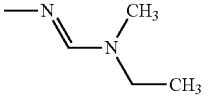
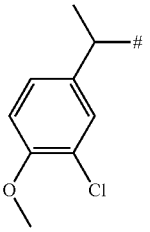
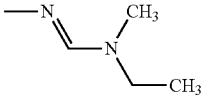
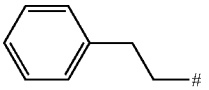
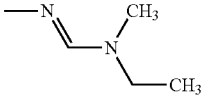
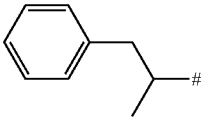
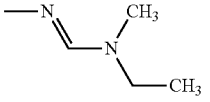
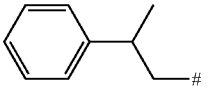
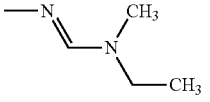
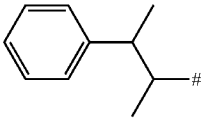
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.638		
A.1.639		
A.1.640		
A.1.641		
A.1.642		
A.1.643		
A.1.644		
A.1.645		
A.1.646		

TABLE A-continued

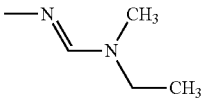
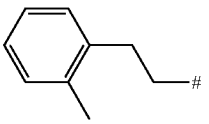
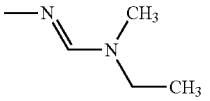
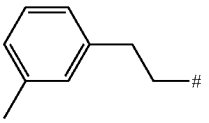
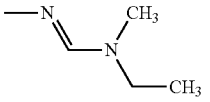
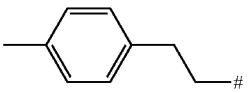
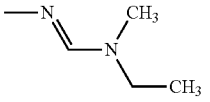
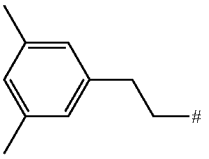
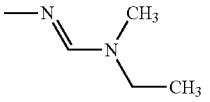
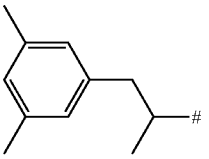
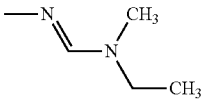
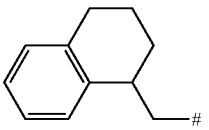
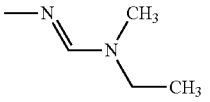
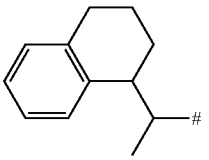
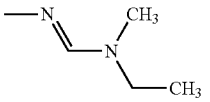
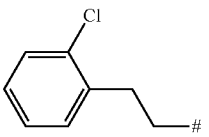
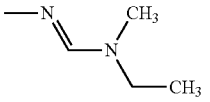
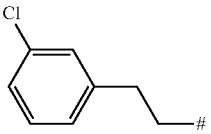
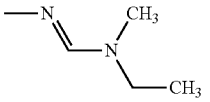
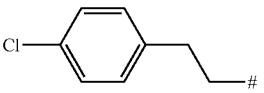
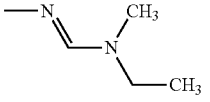
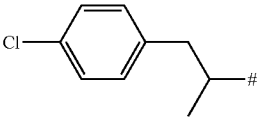
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.647		
A.1.648		
A.1.649		
A.1.650		
A.1.651		
A.1.652		
A.1.653		
A.1.654		
A.1.655		
A.1.656		
A.1.657		

TABLE A-continued

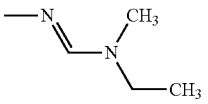
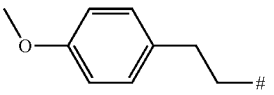
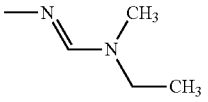
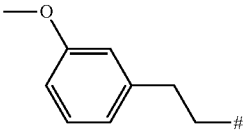
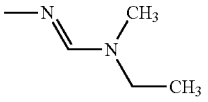
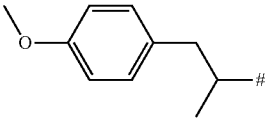
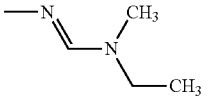
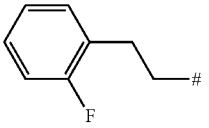
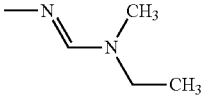
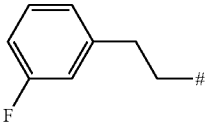
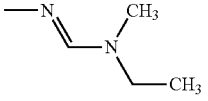
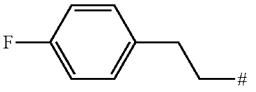
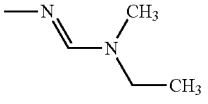
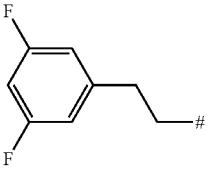
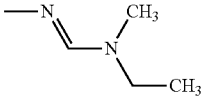
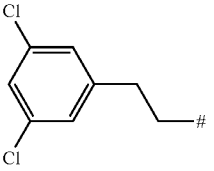
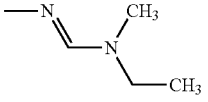
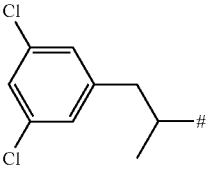
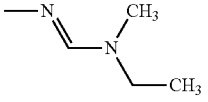
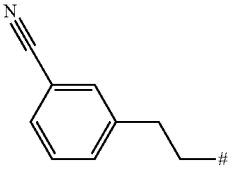
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.658		
A.1.659		
A.1.660		
A.1.661		
A.1.662		
A.1.663		
A.1.664		
A.1.665		
A.1.666		
A.1.667		

TABLE A-continued

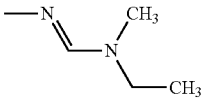
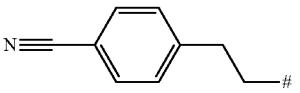
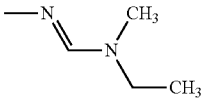
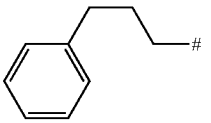
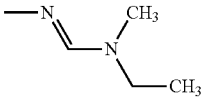
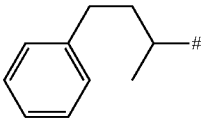
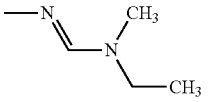
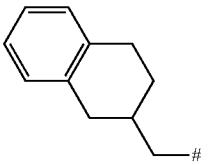
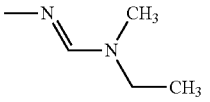
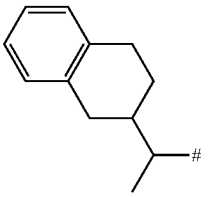
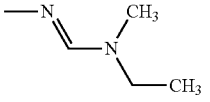
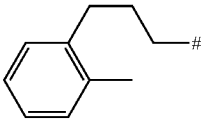
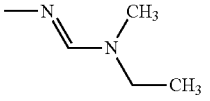
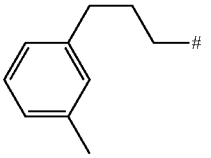
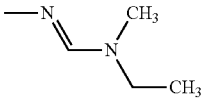
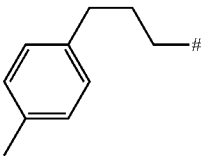
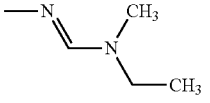
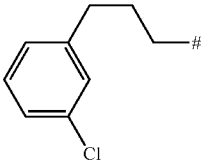
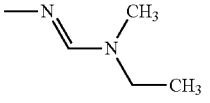
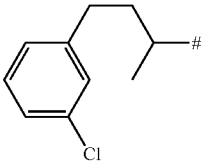
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.668		
A.1.669		
A.1.670		
A.1.671		
A.1.672		
A.1.673		
A.1.674		
A.1.675		
A.1.676		
A.1.677		

TABLE A-continued

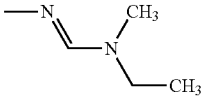
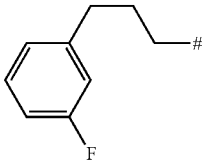
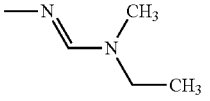
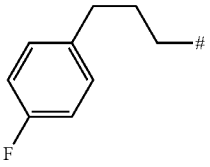
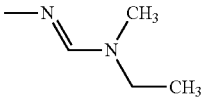
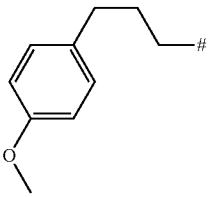
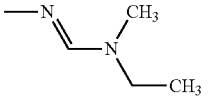
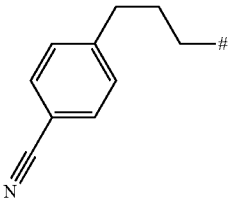
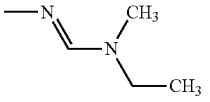
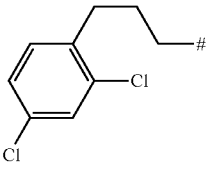
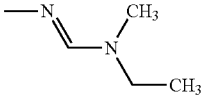
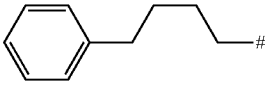
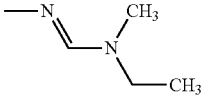
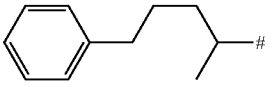
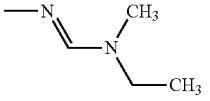
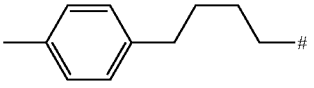
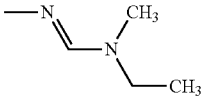
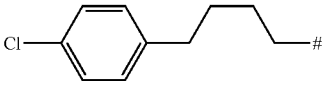
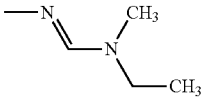
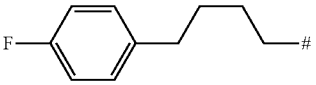
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.678		
A.1.679		
A.1.680		
A.1.681		
A.1.682		
A.1.683		
A.1.684		
A.1.685		
A.1.686		
A.1.687		

TABLE A-continued

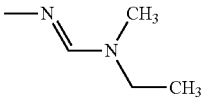
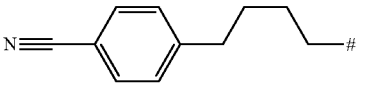
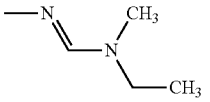
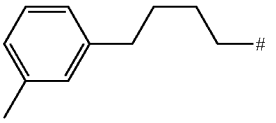
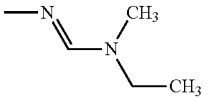
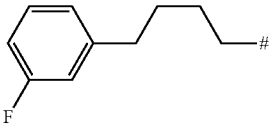
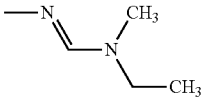
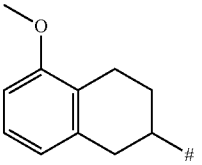
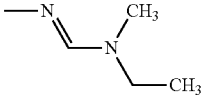
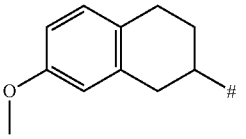
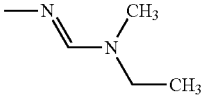
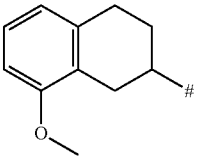
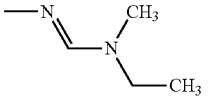
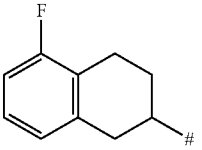
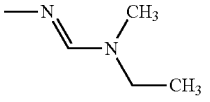
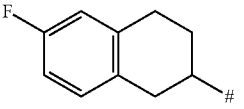
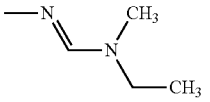
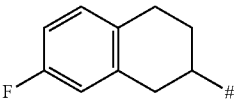
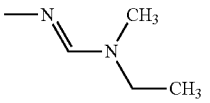
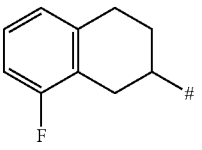
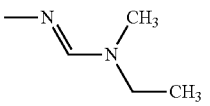
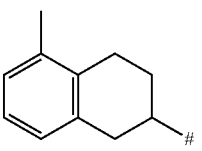
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.688		
A.1.689		
A.1.690		
A.1.691		
A.1.692		
A.1.693		
A.1.694		
A.1.695		
A.1.696		
A.1.697		
A.1.698		

TABLE A-continued

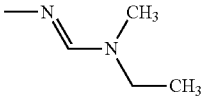
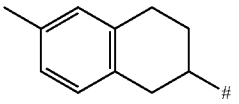
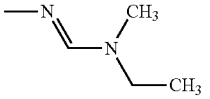
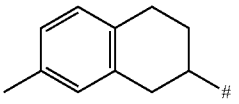
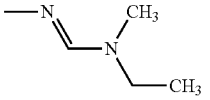
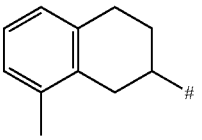
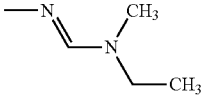
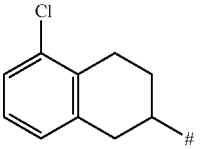
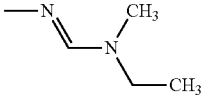
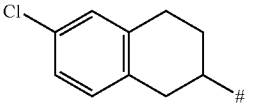
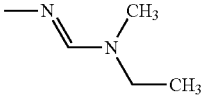
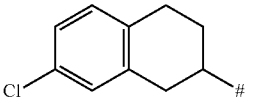
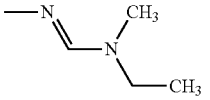
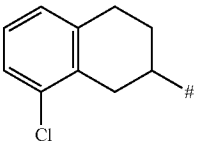
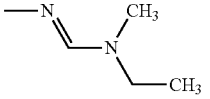
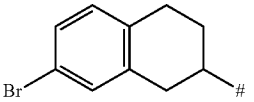
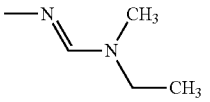
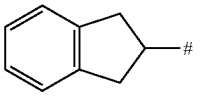
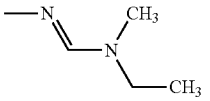
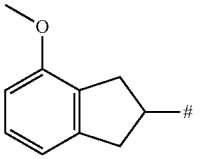
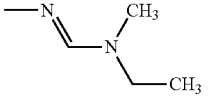
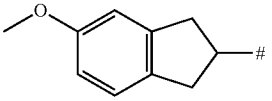
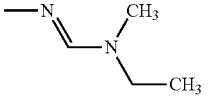
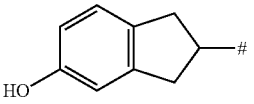
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.699		
A.1.700		
A.1.701		
A.1.702		
A.1.703		
A.1.704		
A.1.705		
A.1.706		
A.1.707		
A.1.708		
A.1.709		
A.1.710		

TABLE A-continued

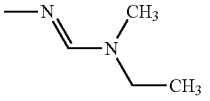
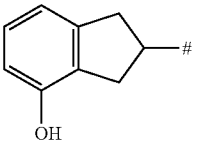
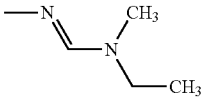
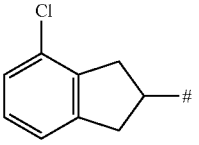
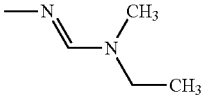
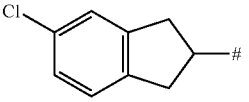
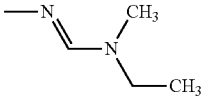
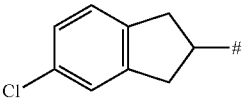
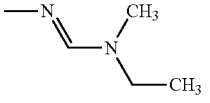
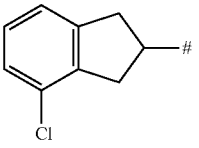
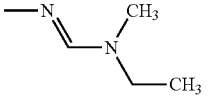
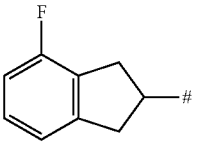
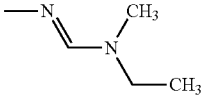
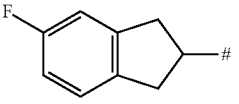
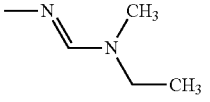
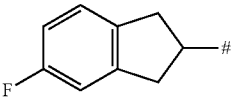
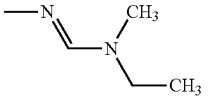
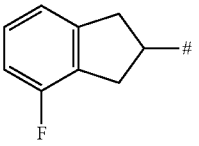
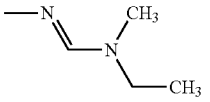
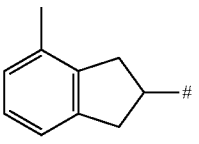
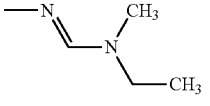
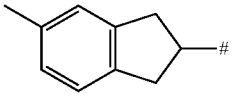
Meanings for R_1, R_2, R_5 and R_6:		
A.1.711		
A.1.712		
A.1.713		
A.1.714		
A.1.715		
A.1.716		
A.1.717		
A.1.718		
A.1.719		
A.1.720		
A.1.721		

TABLE A-continued

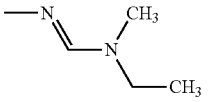
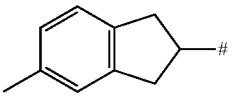
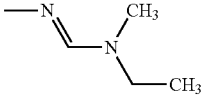
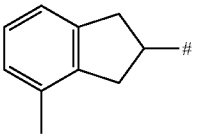
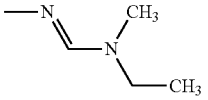
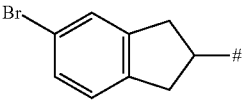
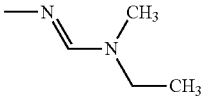
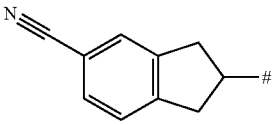
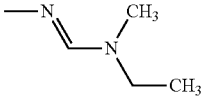
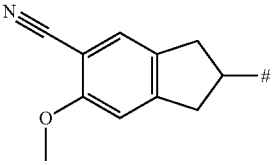
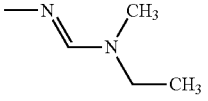
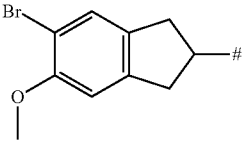
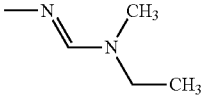
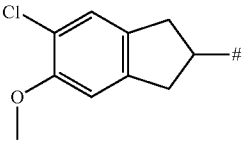
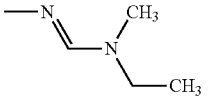
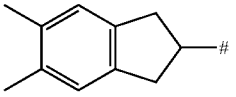
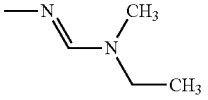
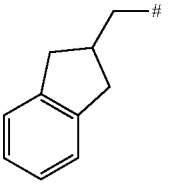
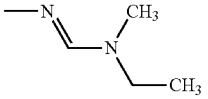
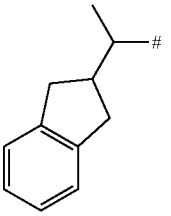
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.722		
A.1.723		
A.1.724		
A.1.725		
A.1.726		
A.1.727		
A.1.728		
A.1.729		
A.1.730		
A.1.731		

TABLE A-continued

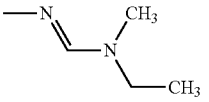
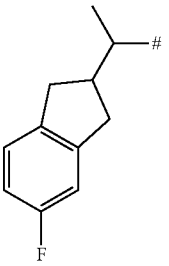
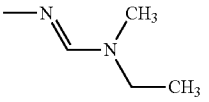
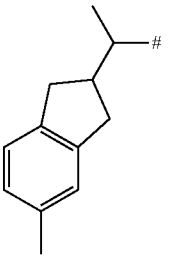
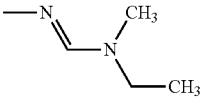
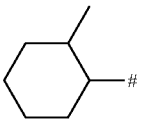
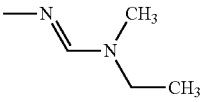
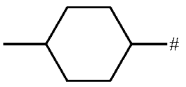
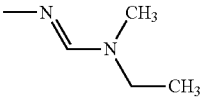
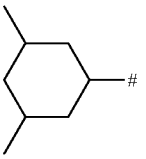
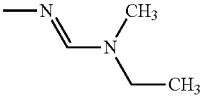
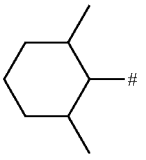
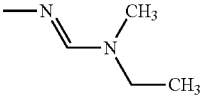
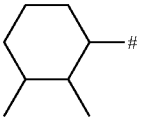
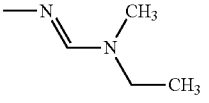
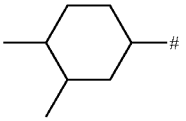
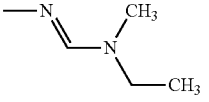
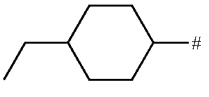
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.732		
A.1.733		
A.1.734		
A.1.735		
A.1.736		
A.1.737		
A.1.738		
A.1.739		
A.1.740		

TABLE A-continued

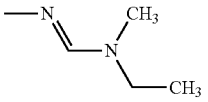
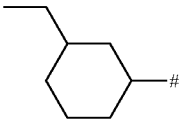
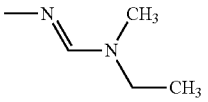
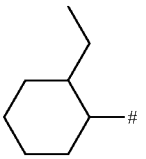
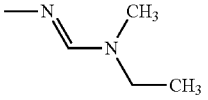
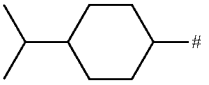
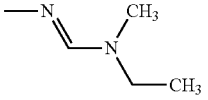
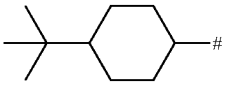
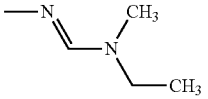
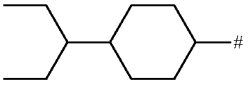
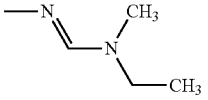
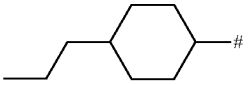
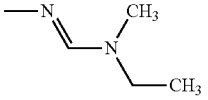
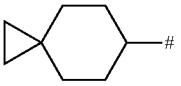
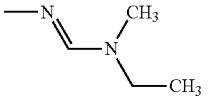
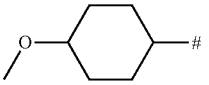
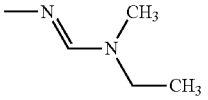
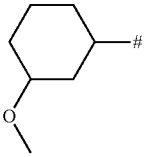
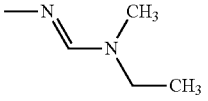
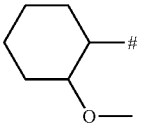
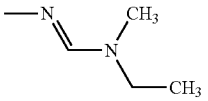
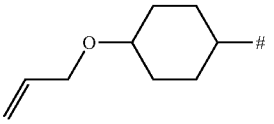
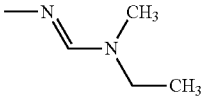
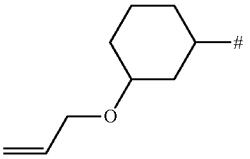
Meanings for R_1, R_2, R_5 and R_6:		
A.1.741		
A.1.742		
A.1.743		
A.1.744		
A.1.745		
A.1.746		
A.1.747		
A.1.748		
A.1.749		
A.1.750		
A.1.751		
A.1.752		

TABLE A-continued

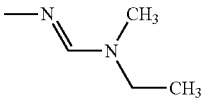
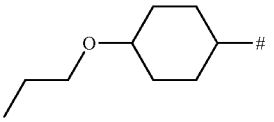
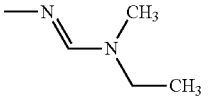
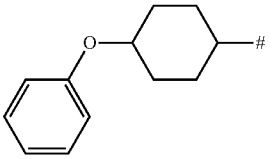
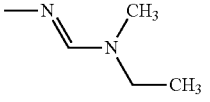
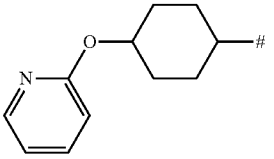
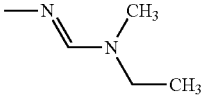
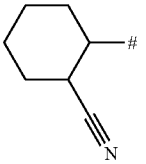
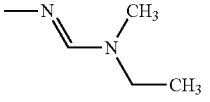
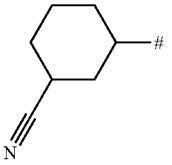
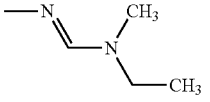
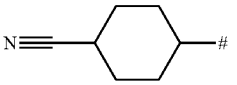
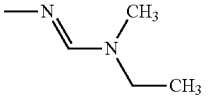
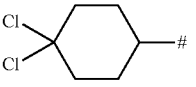
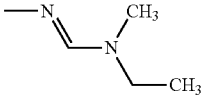
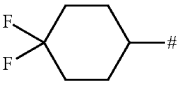
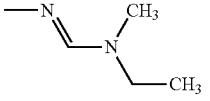
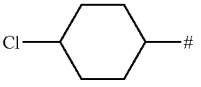
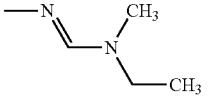
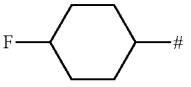
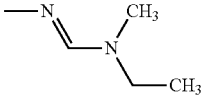
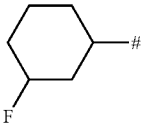
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.753		
A.1.754		
A.1.755		
A.1.756		
A.1.757		
A.1.758		
A.1.759		
A.1.760		
A.1.761		
A.1.762		
A.1.763		

TABLE A-continued

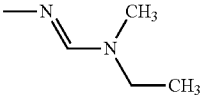
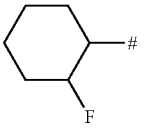
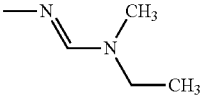
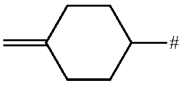
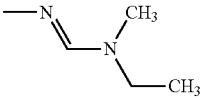
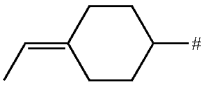
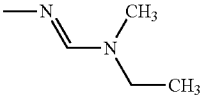
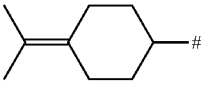
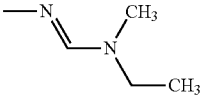
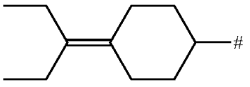
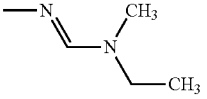
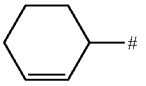
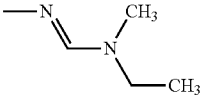
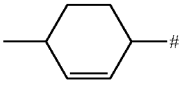
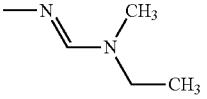
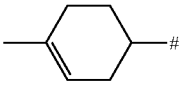
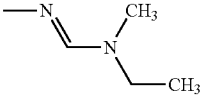
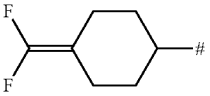
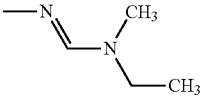
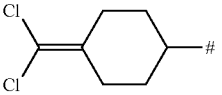
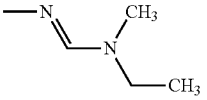
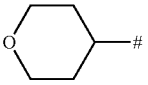
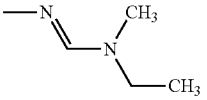
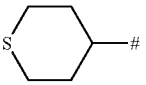
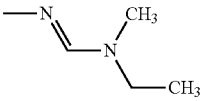
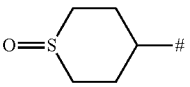
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.764		
A.1.765		
A.1.766		
A.1.767		
A.1.768		
A.1.769		
A.1.770		
A.1.771		
A.1.772		
A.1.773		
A.1.774		
A.1.775		
A.1.776		

TABLE A-continued

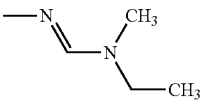
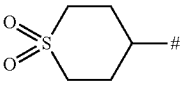
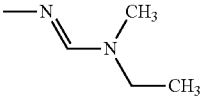
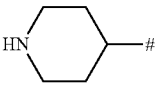
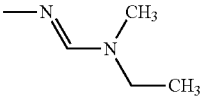
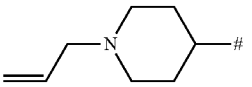
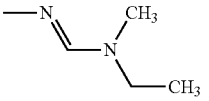
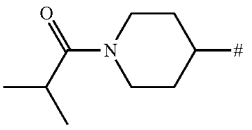
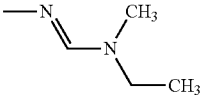
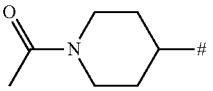
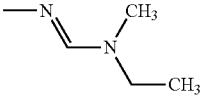
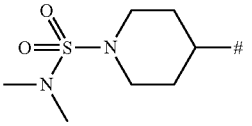
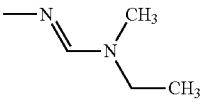
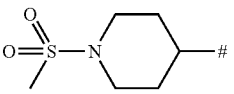
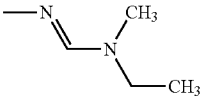
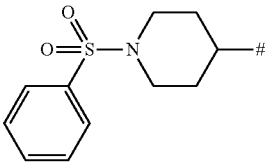
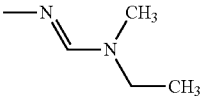
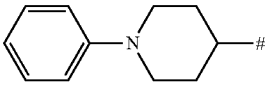
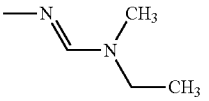
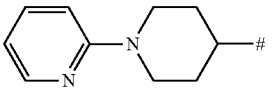
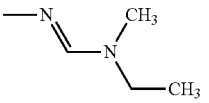
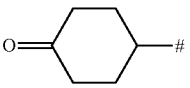
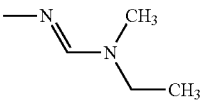
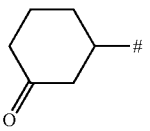
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.777		
A.1.778		
A.1.779		
A.1.780		
A.1.781		
A.1.782		
A.1.783		
A.1.784		
A.1.785		
A.1.786		
A.1.787		
A.1.788		

TABLE A-continued

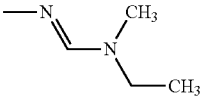
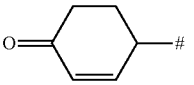
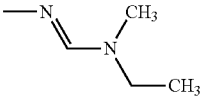
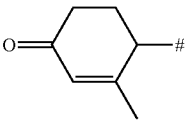
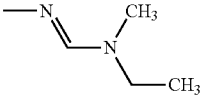
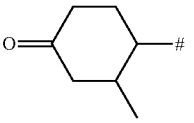
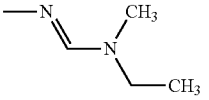
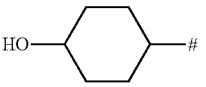
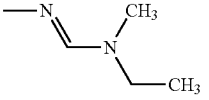
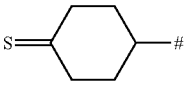
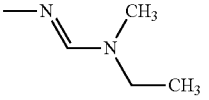
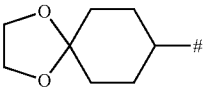
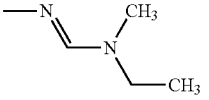
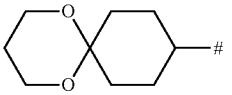
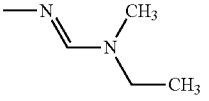
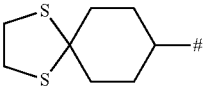
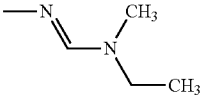
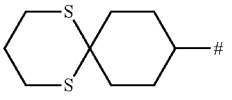
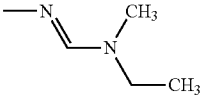
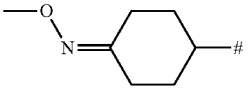
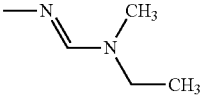
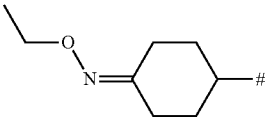
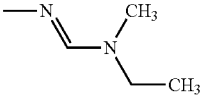
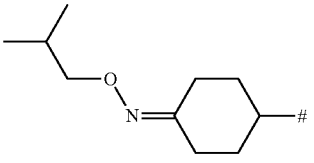
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.789		
A.1.790		
A.1.791		
A.1.792		
A.1.793		
A.1.794		
A.1.795		
A.1.796		
A.1.797		
A.1.798		
A.1.799		
A.1.800		

TABLE A-continued

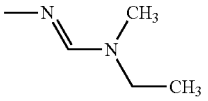
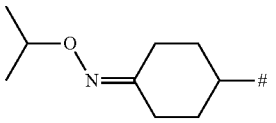
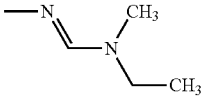
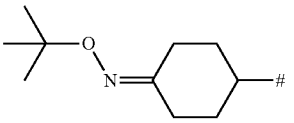
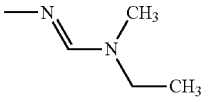
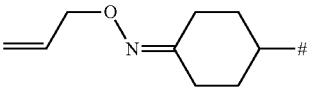
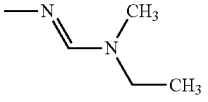
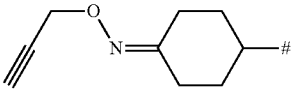
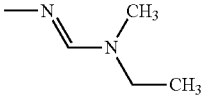
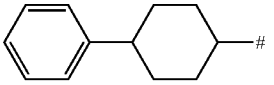
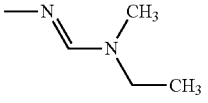
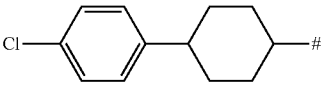
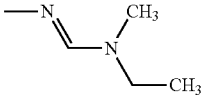
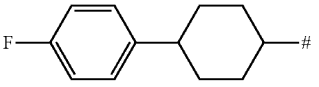
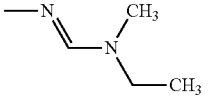
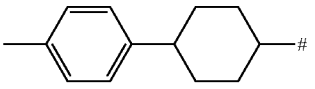
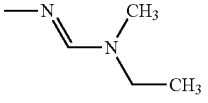
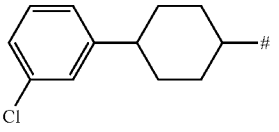
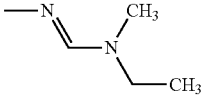
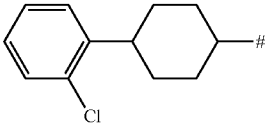
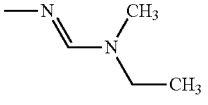
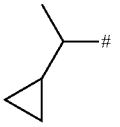
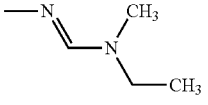
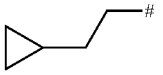
Meanings for R_1, R_2, R_5 and R_6:		
A.1.801		
A.1.802		
A.1.803		
A.1.804		
A.1.805		
A.1.806		
A.1.807		
A.1.808		
A.1.809		
A.1.810		
A.1.811		
A.1.812		

TABLE A-continued

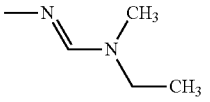
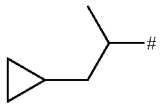
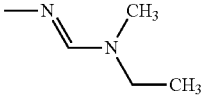
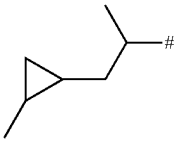
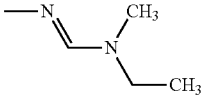
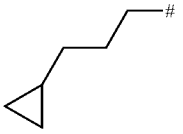
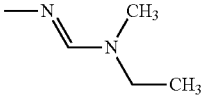
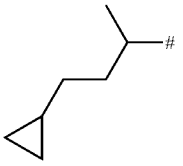
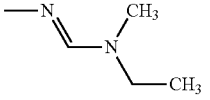
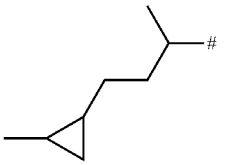
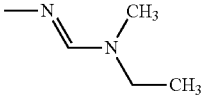
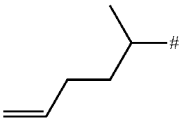
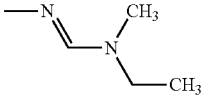
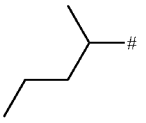
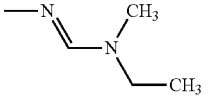
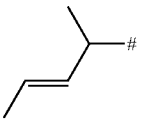
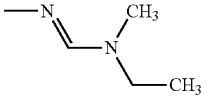
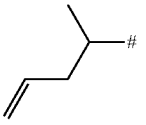
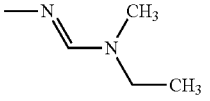
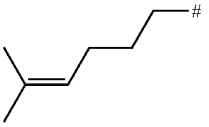
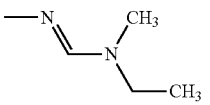
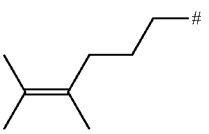
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.813		
A.1.814		
A.1.815		
A.1.816		
A.1.817		
A.1.818		
A.1.819		
A.1.820		
A.1.821		
A.1.822		
A.1.823		

TABLE A-continued

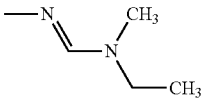
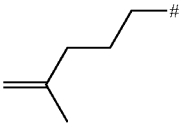
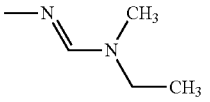
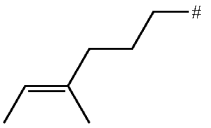
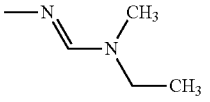
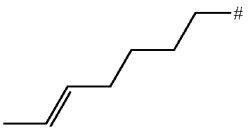
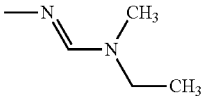
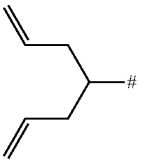
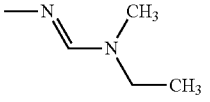
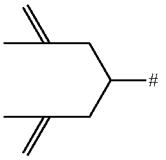
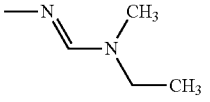
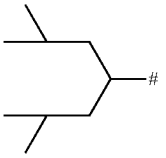
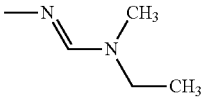
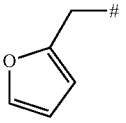
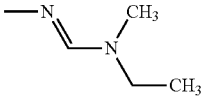
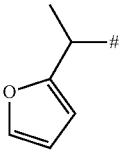
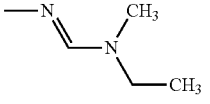
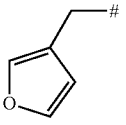
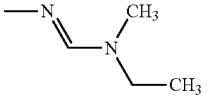
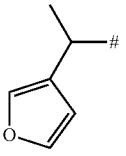
Meanings for R_1, R_2, R_5 and R_6:		
A.1.824		
A.1.825		
A.1.826		
A.1.827		
A.1.828		
A.1.829		
A.1.830		
A.1.831		
A.1.832		
A.1.833		

TABLE A-continued

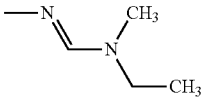
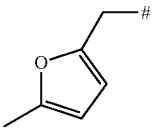
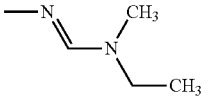
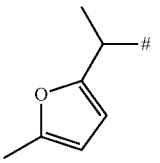
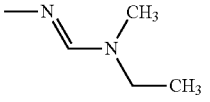
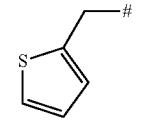
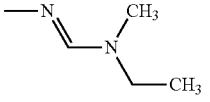
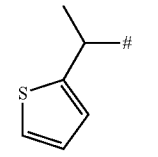
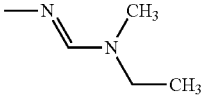
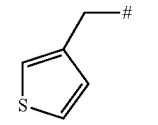
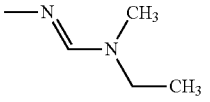
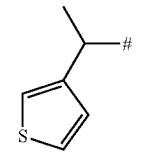
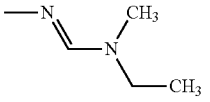
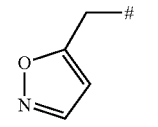
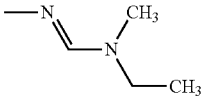
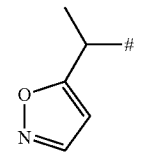
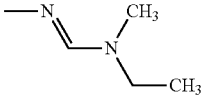
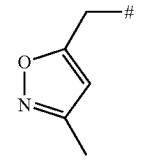
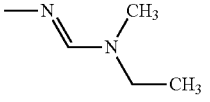
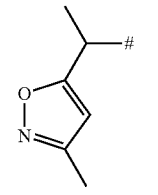
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.834		
A.1.835		
A.1.836		
A.1.837		
A.1.838		
A.1.839		
A.1.840		
A.1.841		
A.1.842		
A.1.843		

TABLE A-continued

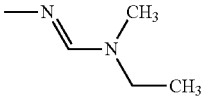
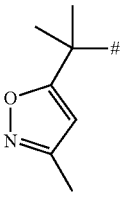
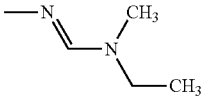
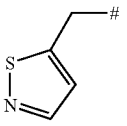
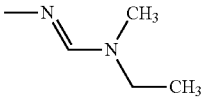
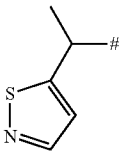
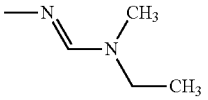
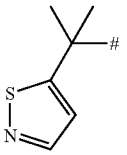
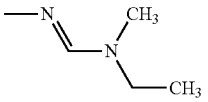
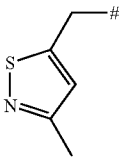
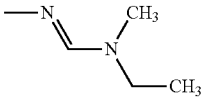
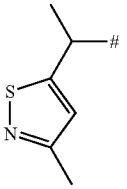
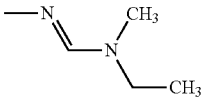
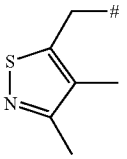
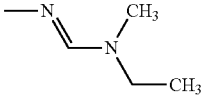
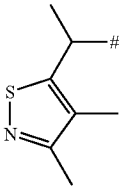
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.844		
A.1.845		
A.1.846		
A.1.847		
A.1.848		
A.1.849		
A.1.850		
A.1.851		

TABLE A-continued

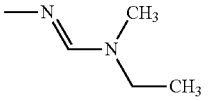
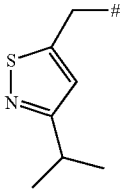
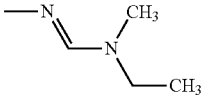
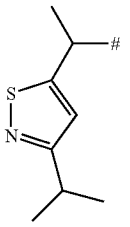
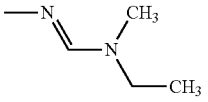
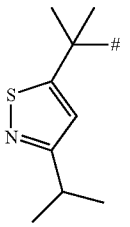
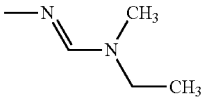
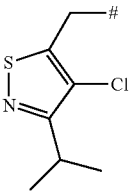
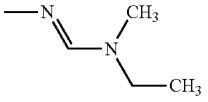
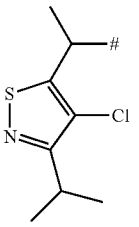
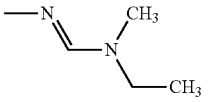
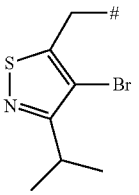
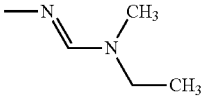
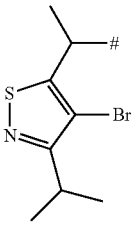
Meanings for R_1, R_2, R_5 and R_6:		
A.1.852		
A.1.853		
A.1.854		
A.1.855		
A.1.856		
A.1.857		
A.1.858		

TABLE A-continued

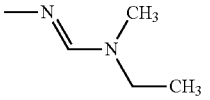
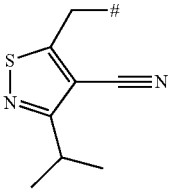
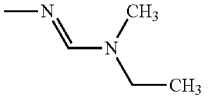
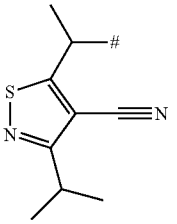
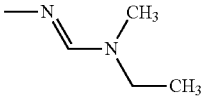
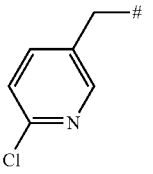
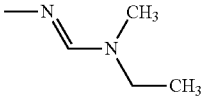
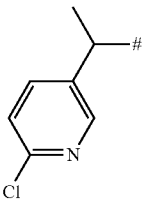
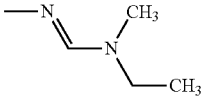
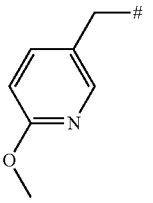
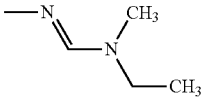
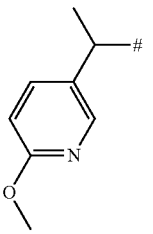
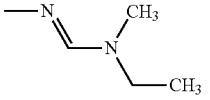
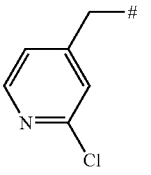
Meanings for R_1, R_2, R_5 and R_6:		
A.1.859		
A.1.860		
A.1.861		
A.1.862		
A.1.863		
A.1.864		
A.1.865		

TABLE A-continued

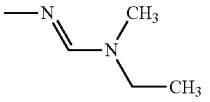
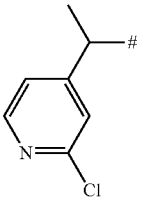
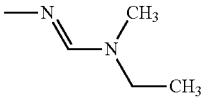
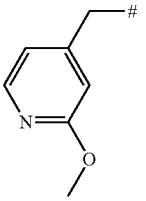
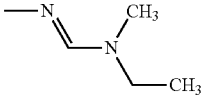
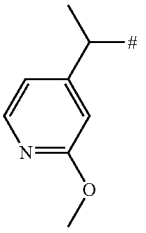
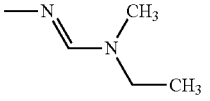
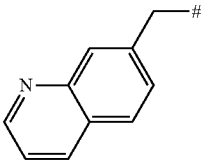
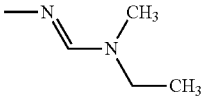
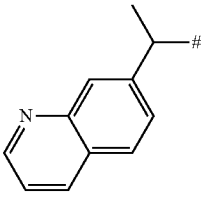
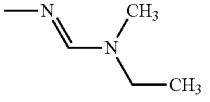
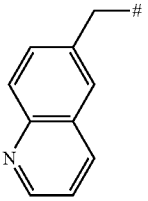
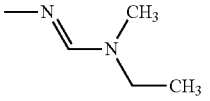
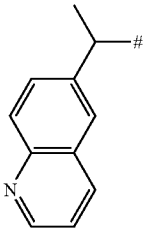
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.866		
A.1.867		
A.1.868		
A.1.869		
A.1.870		
A.1.871		
A.1.872		

TABLE A-continued

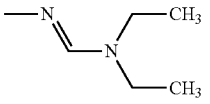
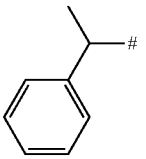
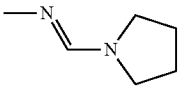
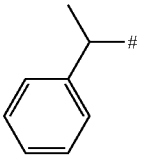
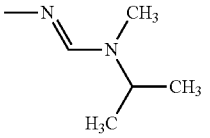
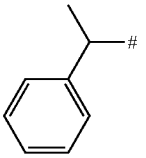
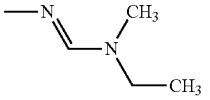
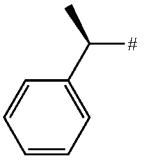
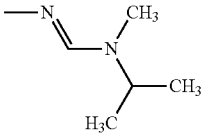
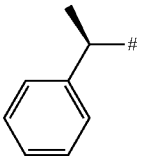
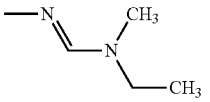
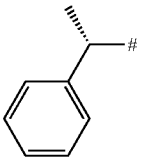
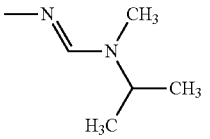
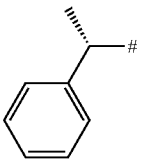
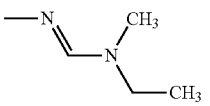
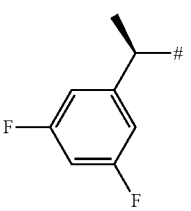
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.873		
A.1.874		
A.1.875		
A.1.876		
A.1.877		
A.1.878		
A.1.879		
A.1.880		

TABLE A-continued

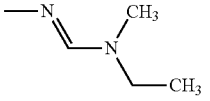
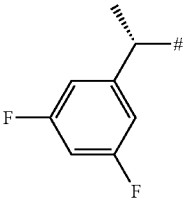
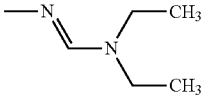
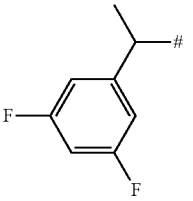
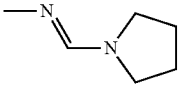
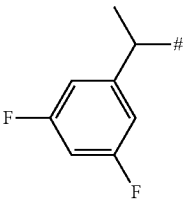
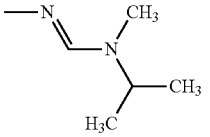
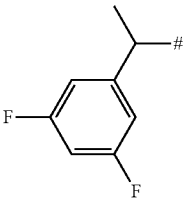
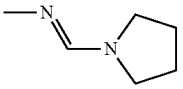
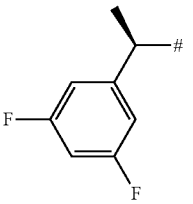
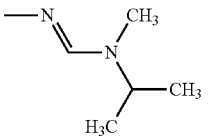
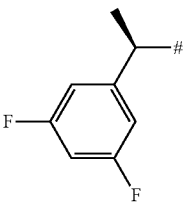
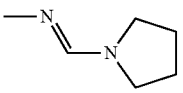
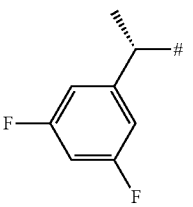
Meanings for R_1, R_2, R_5 and R_6:		
A.1.881		
A.1.882		
A.1.883		
A.1.884		
A.1.885		
A.1.886		
A.1.887		

TABLE A-continued

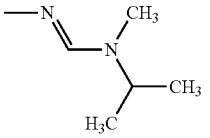
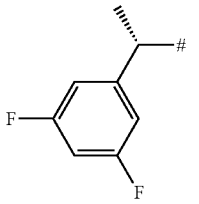
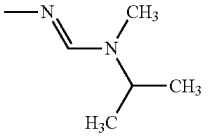
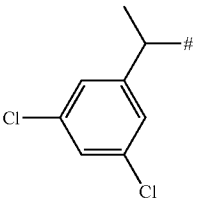
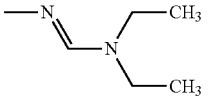
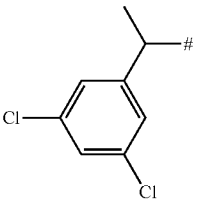
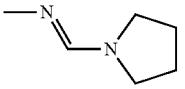
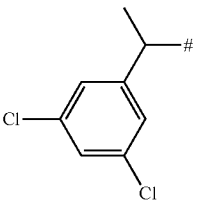
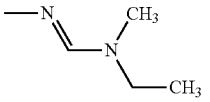
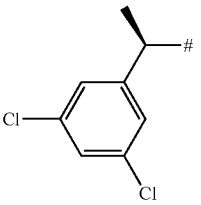
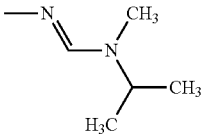
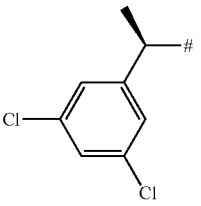
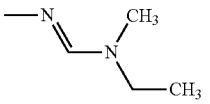
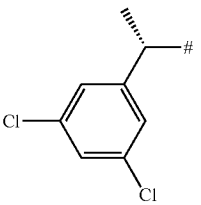
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.888		
A.1.889		
A.1.890		
A.1.891		
A.1.892		
A.1.893		
A.1.894		

TABLE A-continued

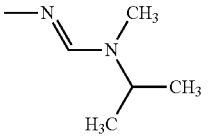
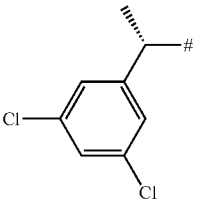
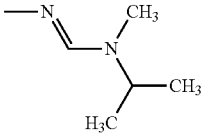
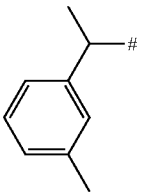
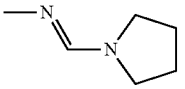
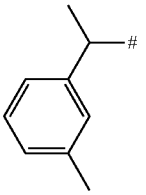
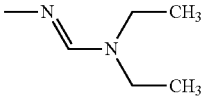
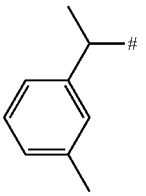
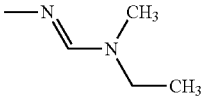
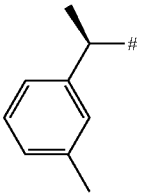
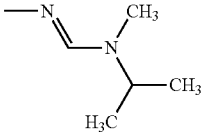
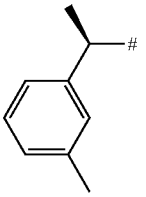
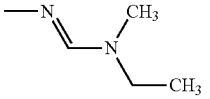
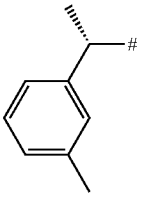
Meanings for R_1, R_2, R_5 and R_6:		
A.1.895		
A.1.896		
A.1.897		
A.1.898		
A.1.899		
A.1.900		
A.1.901		

TABLE A-continued

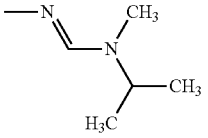
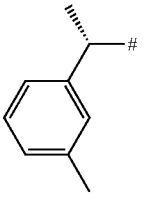
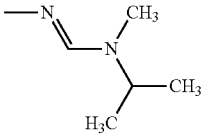
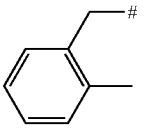
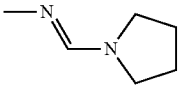
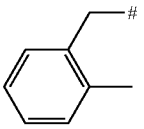
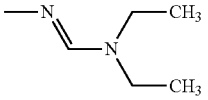
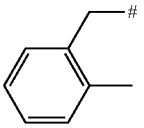
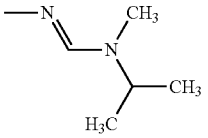
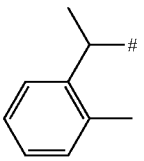
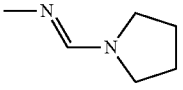
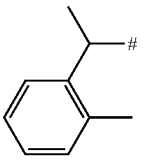
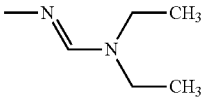
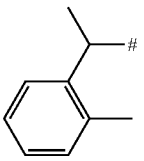
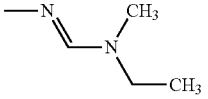
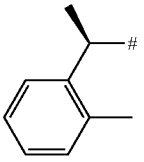
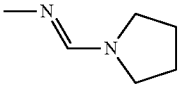
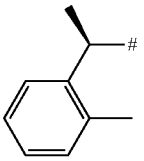
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.902		
A.1.903		
A.1.904		
A.1.905		
A.1.906		
A.1.907		
A.1.908		
A.1.909		
A.1.910		

TABLE A-continued

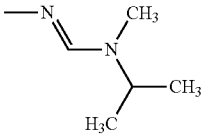
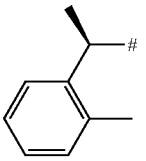
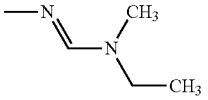
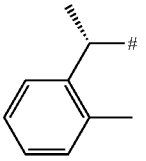
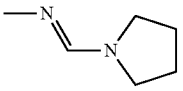
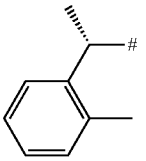
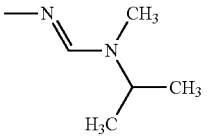
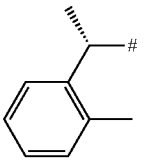
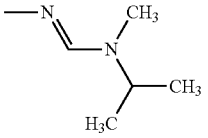
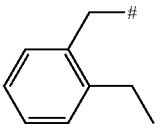
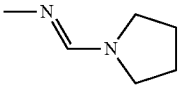
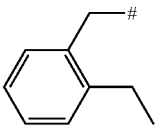
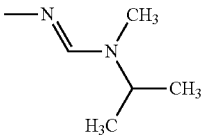
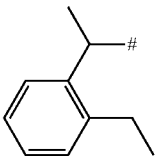
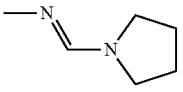
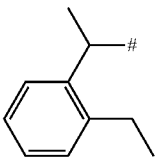
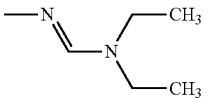
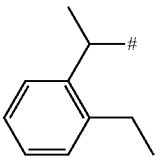
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.911		
A.1.912		
A.1.913		
A.1.914		
A.1.915		
A.1.916		
A.1.917		
A.1.918		
A.1.919		

TABLE A-continued

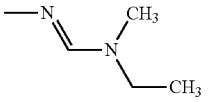
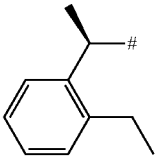
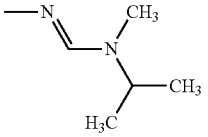
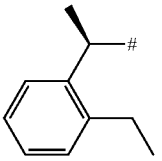
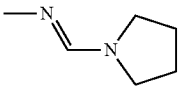
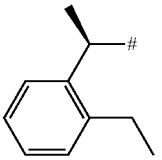
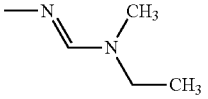
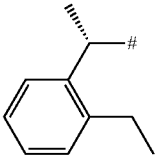
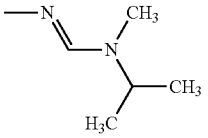
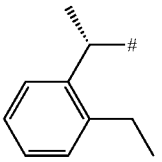
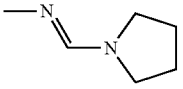
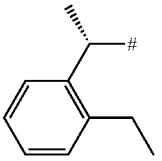
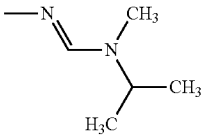
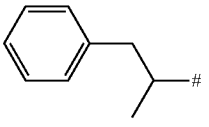
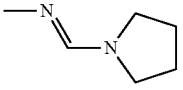
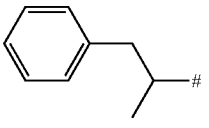
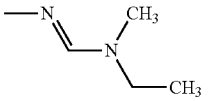
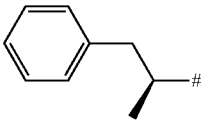
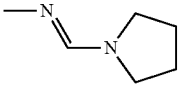
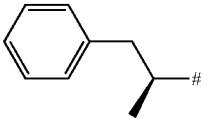
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.920		
A.1.921		
A.1.922		
A.1.923		
A.1.924		
A.1.925		
A.1.926		
A.1.927		
A.1.928		
A.1.929		

TABLE A-continued

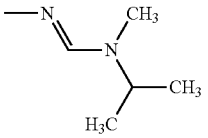
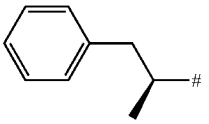
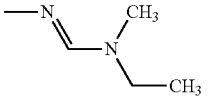
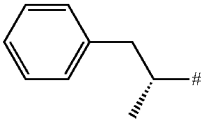
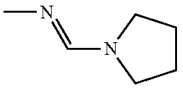
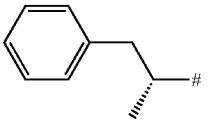
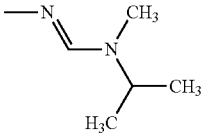
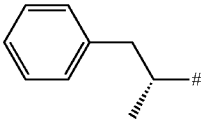
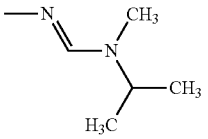
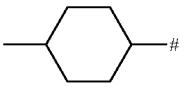
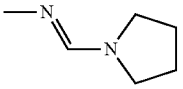
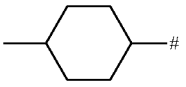
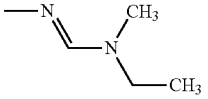
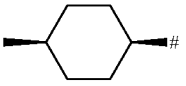
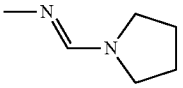
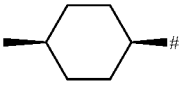
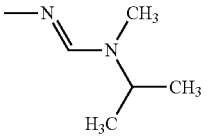
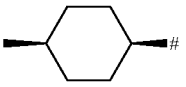
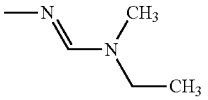
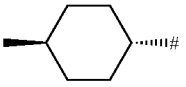
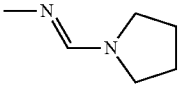
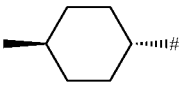
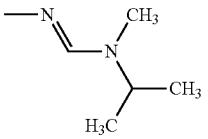
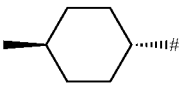
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.930		
A.1.931		
A.1.932		
A.1.933		
A.1.934		
A.1.935		
A.1.936		
A.1.937		
A.1.938		
A.1.939		
A.1.940		
A.1.941		

TABLE A-continued

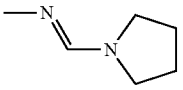
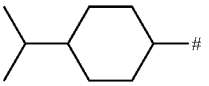
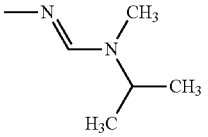
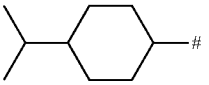
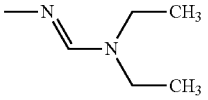
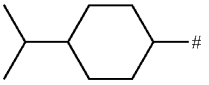
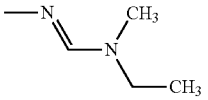
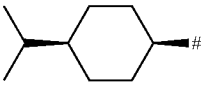
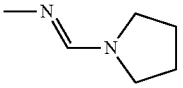
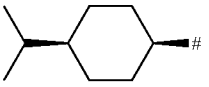
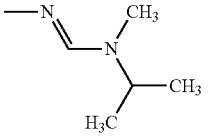
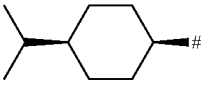
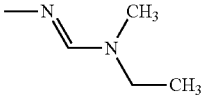
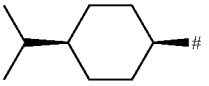
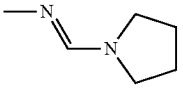
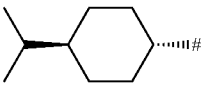
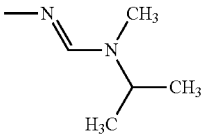
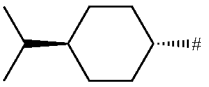
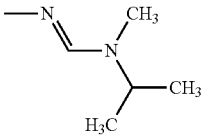
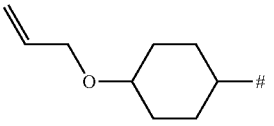
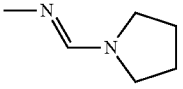
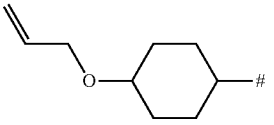
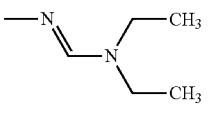
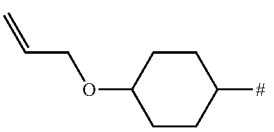
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.942		
A.1.943		
A.1.944		
A.1.945		
A.1.946		
A.1.947		
A.1.948		
A.1.949		
A.1.950		
A.1.951		
A.1.952		
A.1.953		

TABLE A-continued

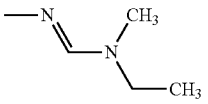
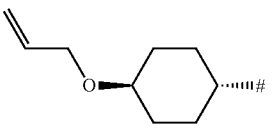
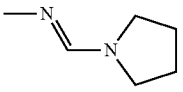
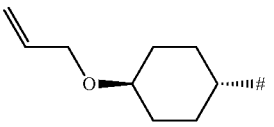
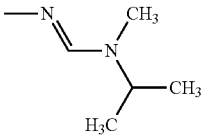
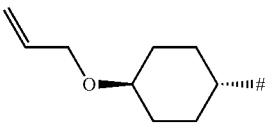
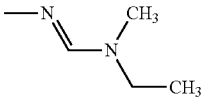
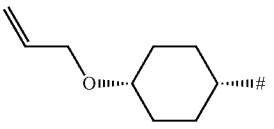
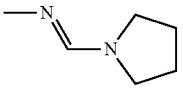
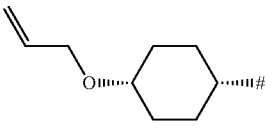
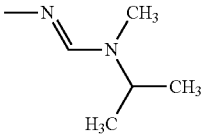
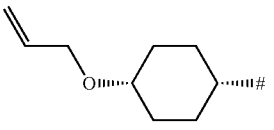
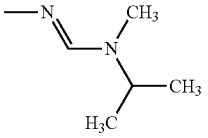
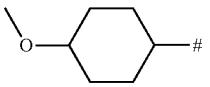
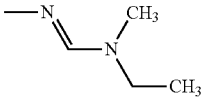
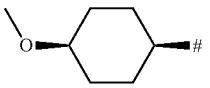
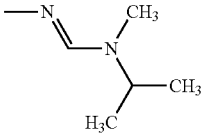
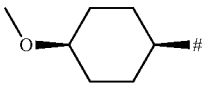
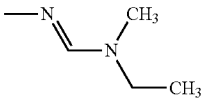
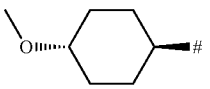
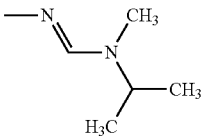
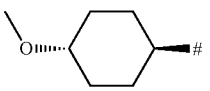
Meanings for R_1, R_2, R_5 and R_6:		
A.1.954		
A.1.955		
A.1.956		
A.1.957		
A.1.958		
A.1.959		
A.1.960		
A.1.961		
A.1.962		
A.1.963		
A.1.964		

TABLE A-continued

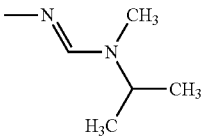
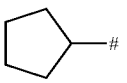
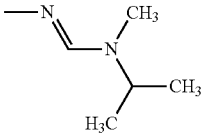
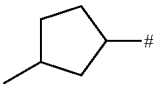
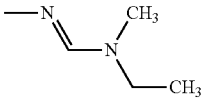
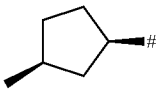
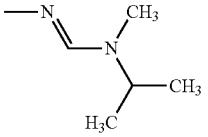
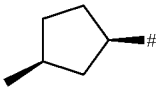
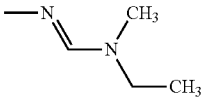
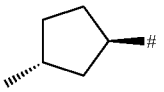
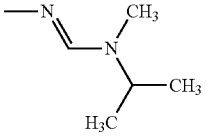
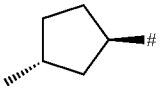
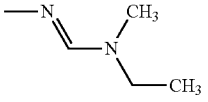
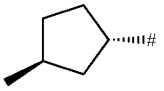
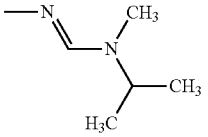
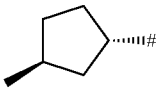
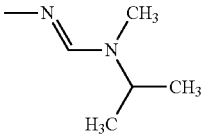
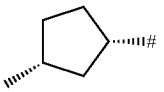
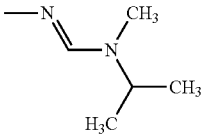
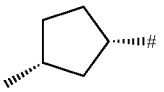
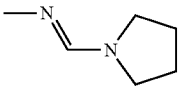
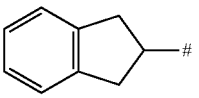
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.965		
A.1.966		
A.1.967		
A.1.968		
A.1.969		
A.1.970		
A.1.971		
A.1.972		
A.1.973		
A.1.974		
A.1.975		

TABLE A-continued

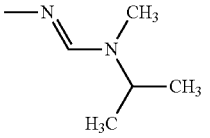
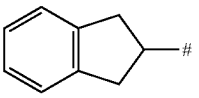
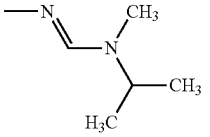
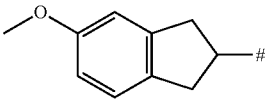
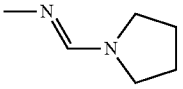
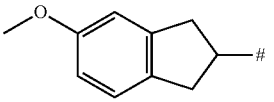
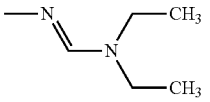
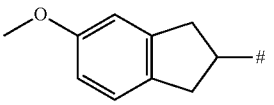
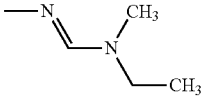
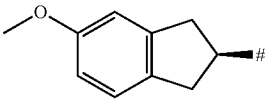
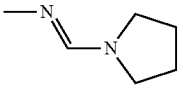
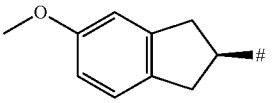
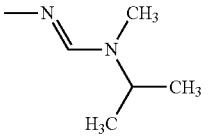
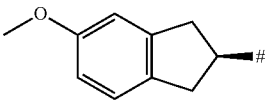
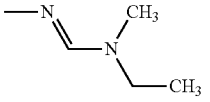
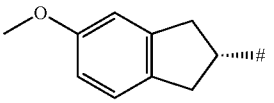
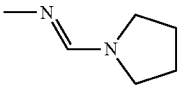
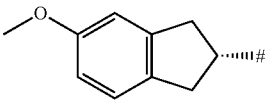
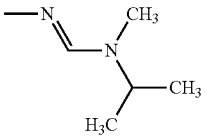
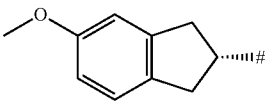
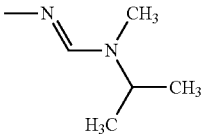
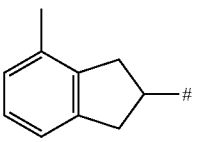
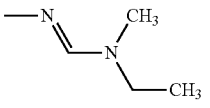
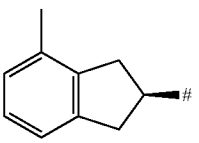
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.976		
A.1.977		
A.1.978		
A.1.979		
A.1.980		
A.1.981		
A.1.982		
A.1.983		
A.1.984		
A.1.985		
A.1.986		
A.1.987		

TABLE A-continued

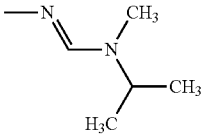
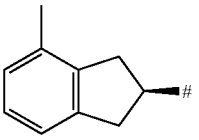
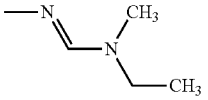
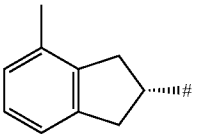
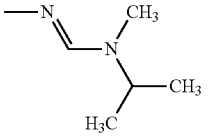
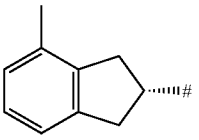
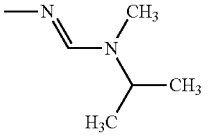
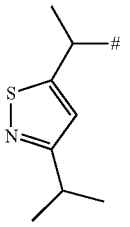
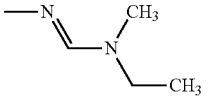
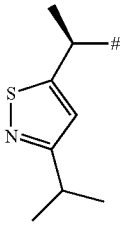
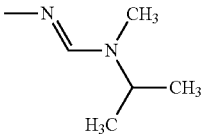
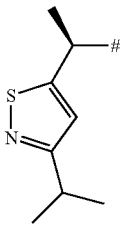
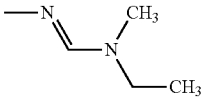
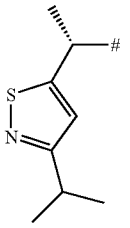
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.988		
A.1.989		
A.1.990		
A.1.991		
A.1.992		
A.1.993		
A.1.994		

TABLE A-continued

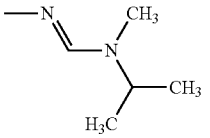
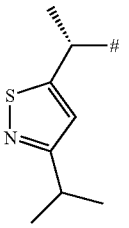
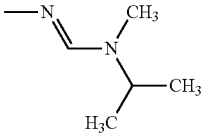
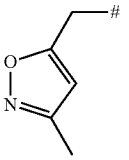
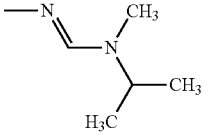
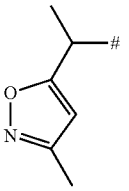
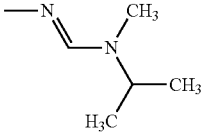
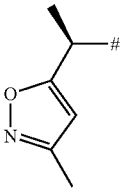
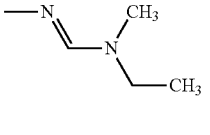
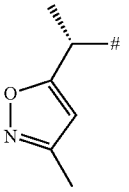
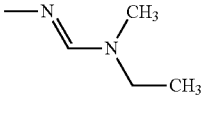
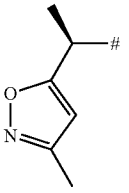
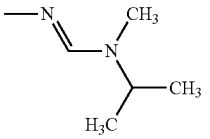
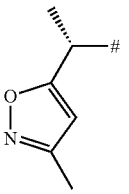
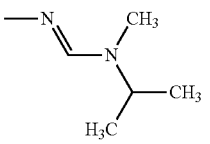
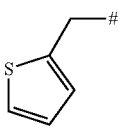
Meanings for R_1, R_2, R_5 and R_6:		
A.1.995		
A.1.996		
A.1.997		
A.1.998		
A.1.999		
A.1.1000		
A.1.1001		
A.1.1002		

TABLE A-continued

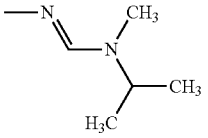
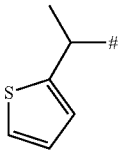
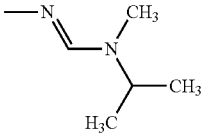
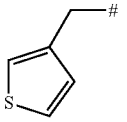
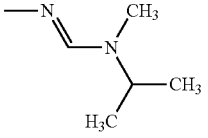
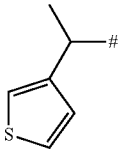
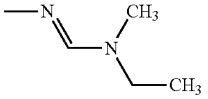
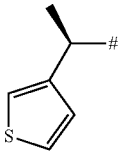
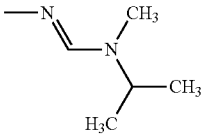
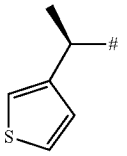
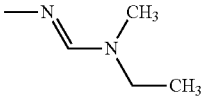
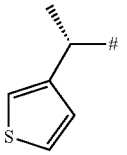
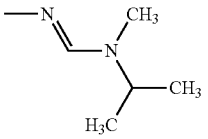
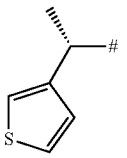
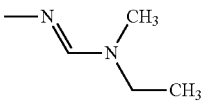
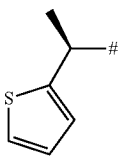
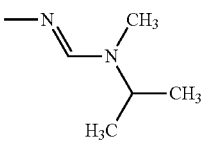
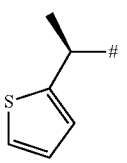
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1003		
A.1.1004		
A.1.1005		
A.1.1006		
A.1.1007		
A.1.1008		
A.1.1009		
A.1.1010		
A.1.1011		

TABLE A-continued

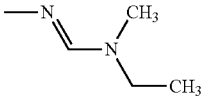
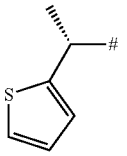
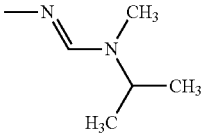
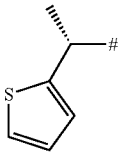
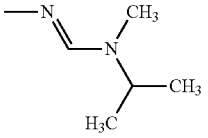
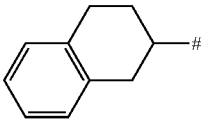
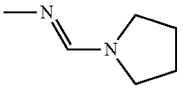
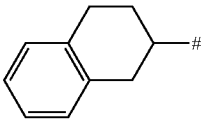
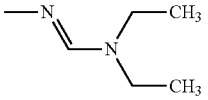
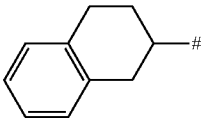
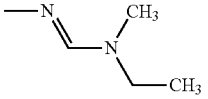
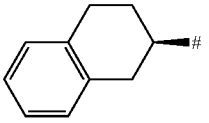
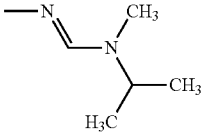
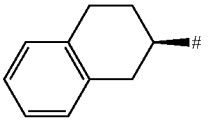
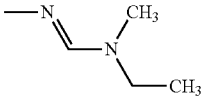
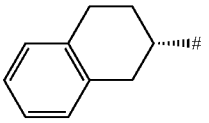
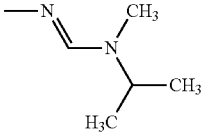
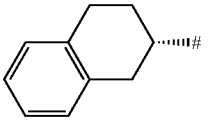
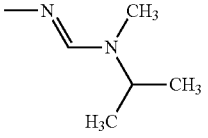
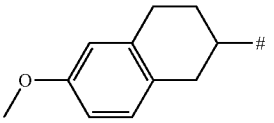
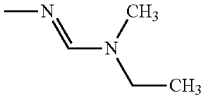
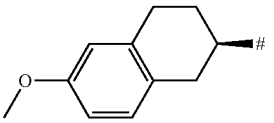
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1012		
A.1.1013		
A.1.1014		
A.1.1015		
A.1.1016		
A.1.1017		
A.1.1018		
A.1.1019		
A.1.1020		
A.1.1021		
A.1.1022		

TABLE A-continued

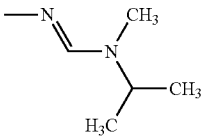
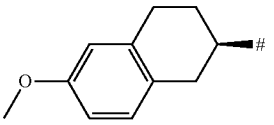
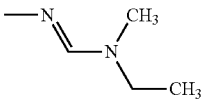
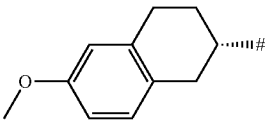
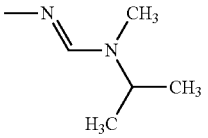
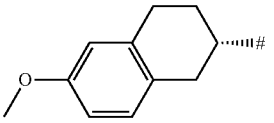
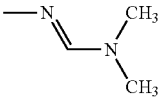
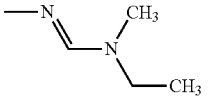
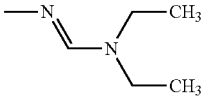
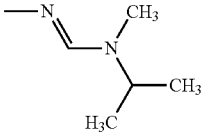
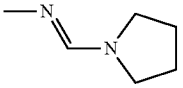
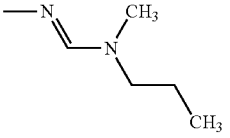
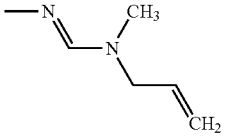
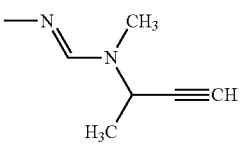
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1023		
A.1.1024		
A.1.1025		
A.1.1026		H—#
A.1.1027		H—#
A.1.1028		H—#
A.1.1029		H—#
A.1.1030		H—#
A.1.1031		H—#
A.1.1032		H—#
A.1.1033		H—#

TABLE A-continued

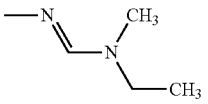
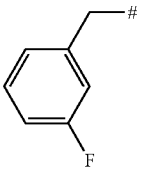
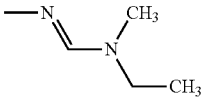
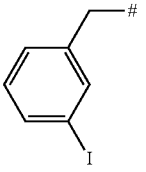
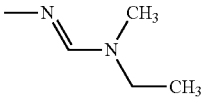
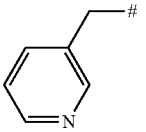
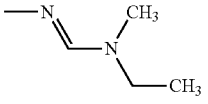
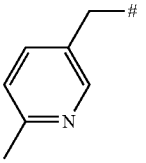
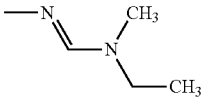
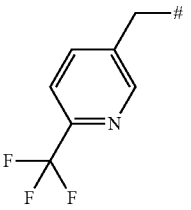
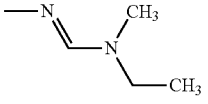
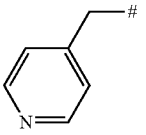
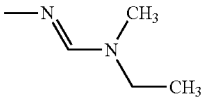
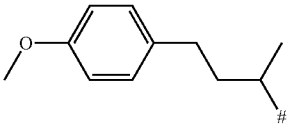
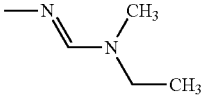
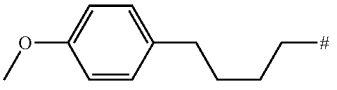
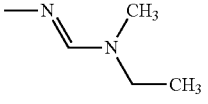
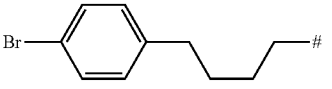
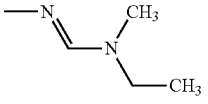
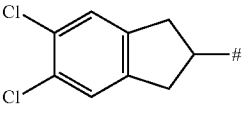
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1034		
A.1.1035		
A.1.1036		
A.1.1037		
A.1.1038		
A.1.1039		
A.1.1040		
A.1.1041		
A.1.1042		
A.1.1043		

TABLE A-continued

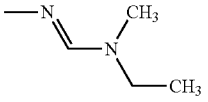
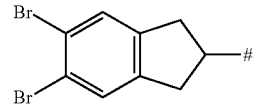
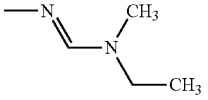
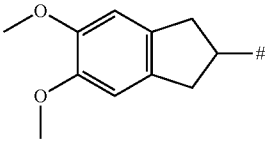
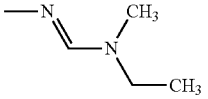
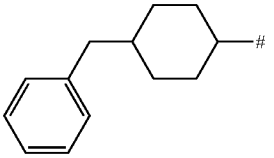
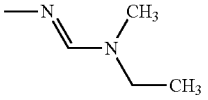
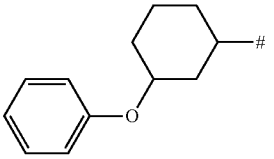
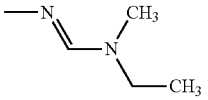
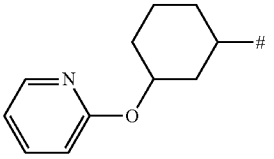
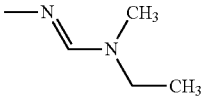
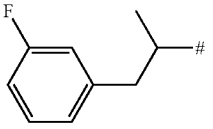
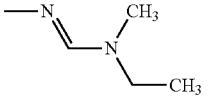
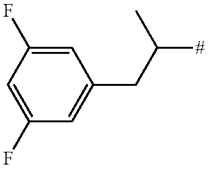
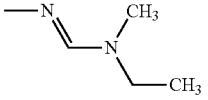
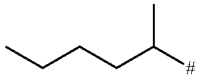
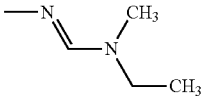
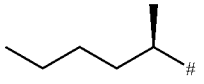
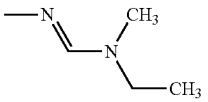
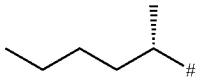
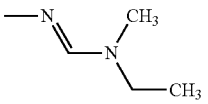
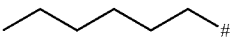
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1044		
A.1.1045		
A.1.1046		
A.1.1047		
A.1.1048		
A.1.1049		
A.1.1050		
A.1.1051		
A.1.1052		
A.1.1053		
A.1.1054		

TABLE A-continued

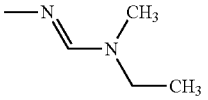
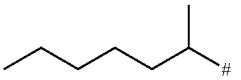
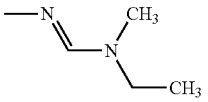
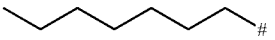
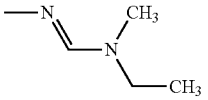
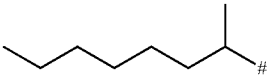
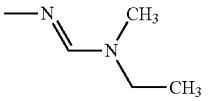
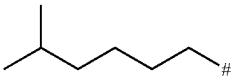
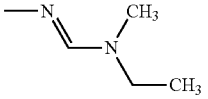
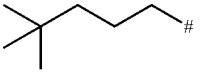
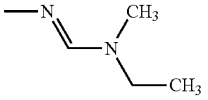
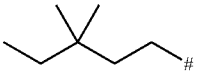
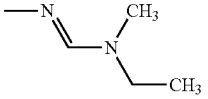
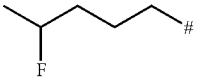
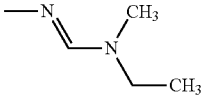
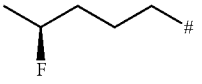
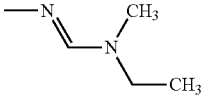
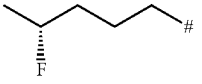
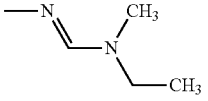
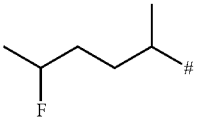
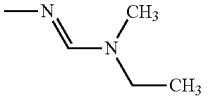
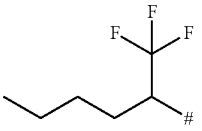
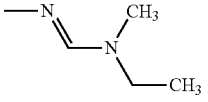
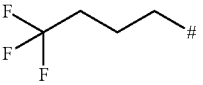
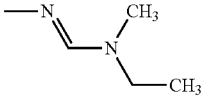
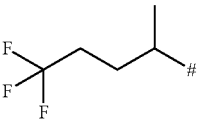
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1055		
A.1.1056		
A.1.1057		
A.1.1058		
A.1.1059		
A.1.1060		
A.1.1061		
A.1.1062		
A.1.1063		
A.1.1064		
A.1.1065		
A.1.1066		
A.1.1067		

TABLE A-continued

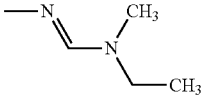
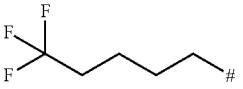
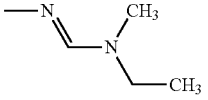
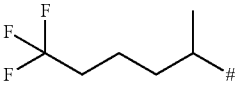
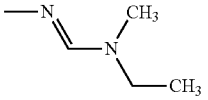
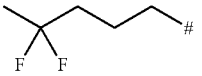
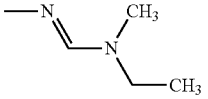
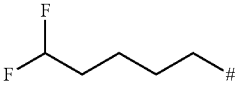
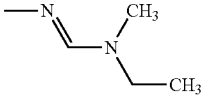
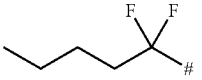
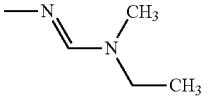
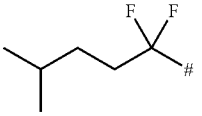
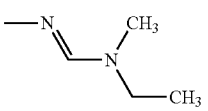
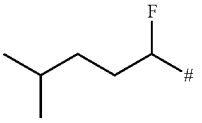
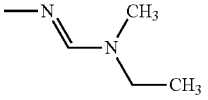
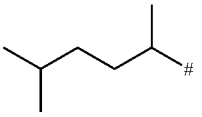
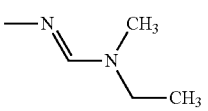
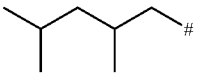
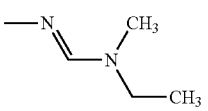
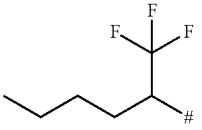
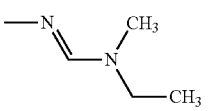
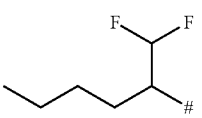
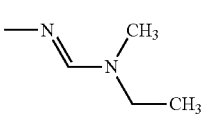
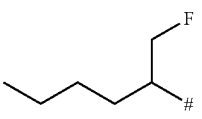
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1068		
A.1.1069		
A.1.1070		
A.1.1071		
A.1.1072		
A.1.1073		
A.1.1074		
A.1.1075		
A.1.1076		
A.1.1077		
A.1.1078		
A.1.1079		

TABLE A-continued

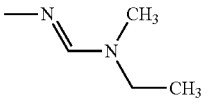
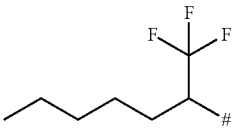
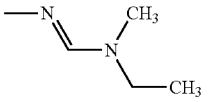
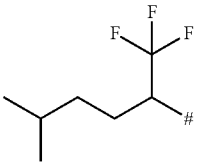
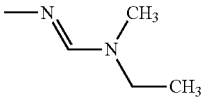
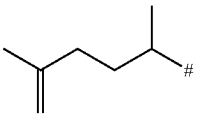
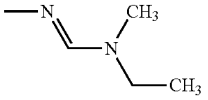
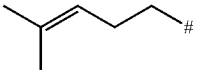
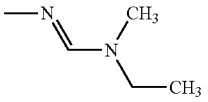
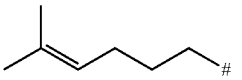
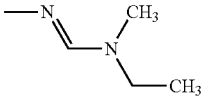
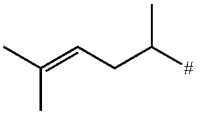
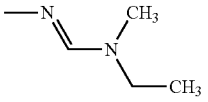
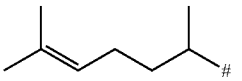
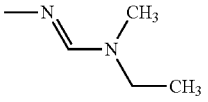
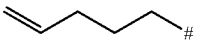
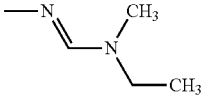
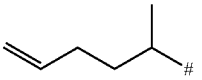
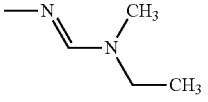
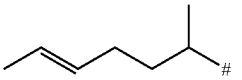
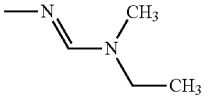
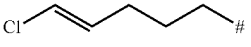
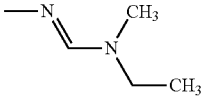
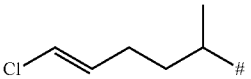
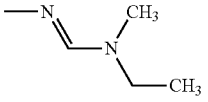
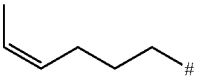
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1080		
A.1.1081		
A.1.1082		
A.1.1083		
A.1.1084		
A.1.1085		
A.1.1086		
A.1.1087		
A.1.1088		
A.1.1089		
A.1.1090		
A.1.1091		
A.1.1092		

TABLE A-continued

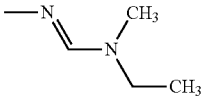
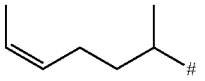
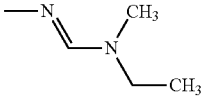
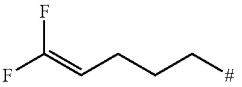
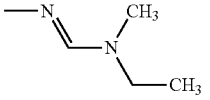
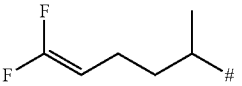
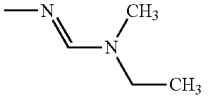
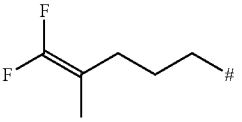
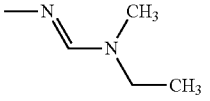
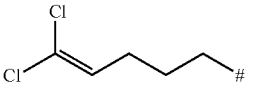
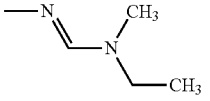
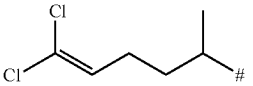
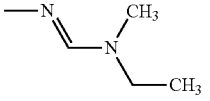
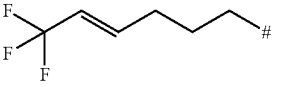
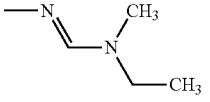
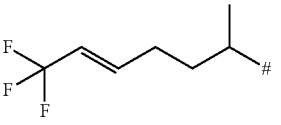
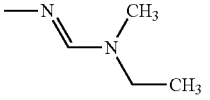
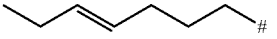
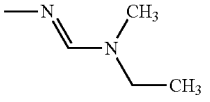
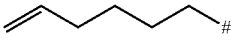
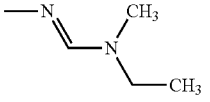
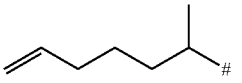
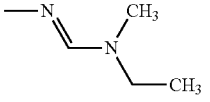
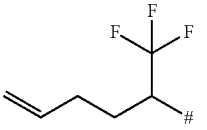
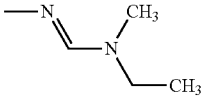
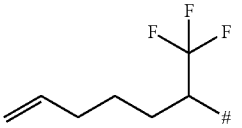
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1093		
A.1.1094		
A.1.1095		
A.1.1096		
A.1.1097		
A.1.1098		
A.1.1099		
A.1.1100		
A.1.1101		
A.1.1102		
A.1.1103		
A.1.1104		
A.1.1105		

TABLE A-continued

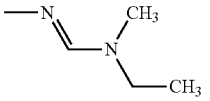
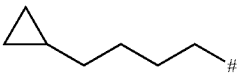
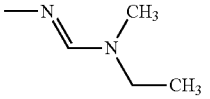
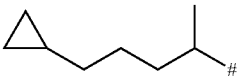
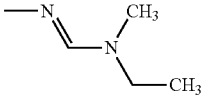
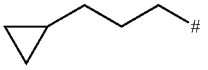
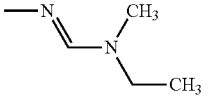
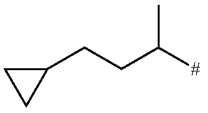
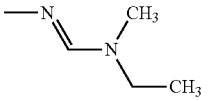
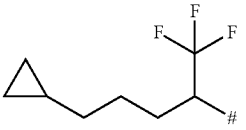
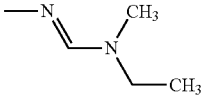
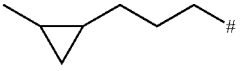
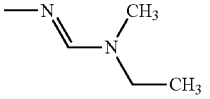
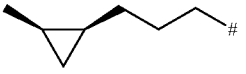
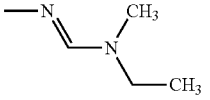
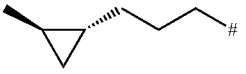
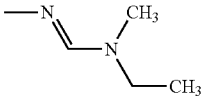
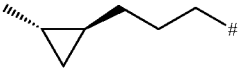
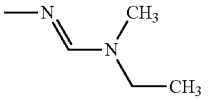
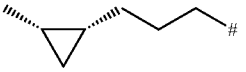
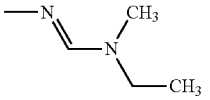
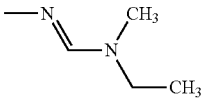
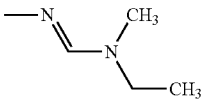
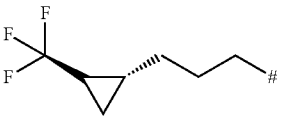
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1106		
A.1.1107		
A.1.1108		
A.1.1109		
A.1.1110		
A.1.1111		
A.1.1112		
A.1.1113		
A.1.1114		
A.1.1115		
A.1.1116		
A.1.1117		
A.1.1118		

TABLE A-continued

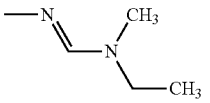
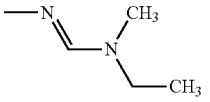
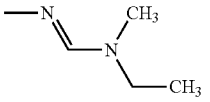
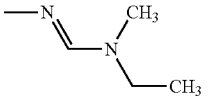
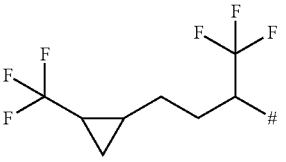
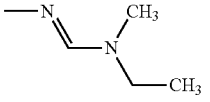
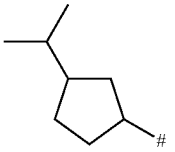
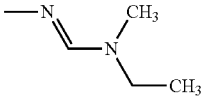
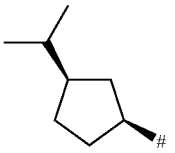
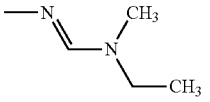
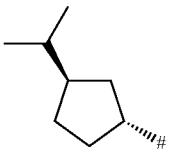
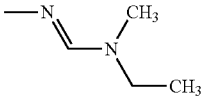
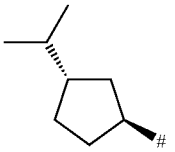
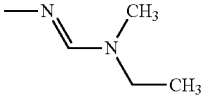
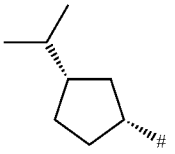
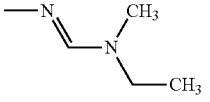
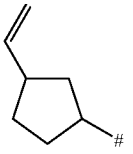
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1119		
A.1.1120		
A.1.1121		
A.1.1122		
A.1.1123		
A.1.1124		
A.1.1125		
A.1.1126		
A.1.1127		
A.1.1128		

TABLE A-continued

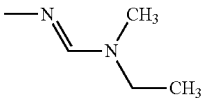
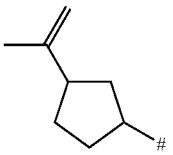
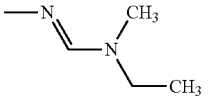
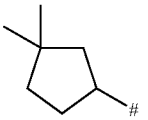
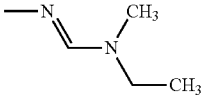
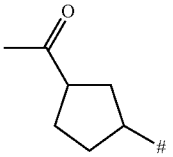
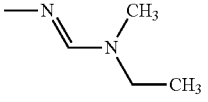
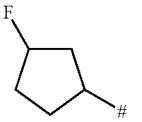
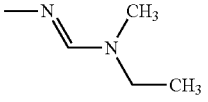
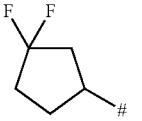
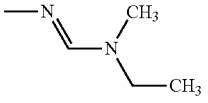
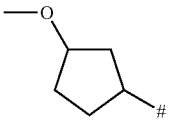
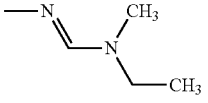
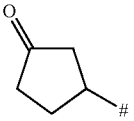
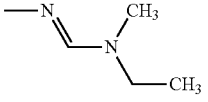
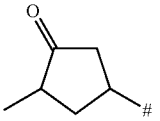
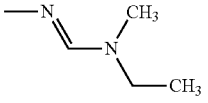
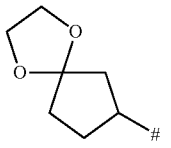
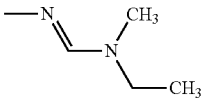
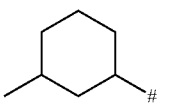
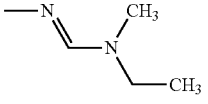
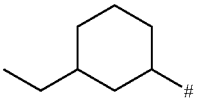
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1129		
A.1.1130		
A.1.1131		
A.1.1132		
A.1.1133		
A.1.1134		
A.1.1135		
A.1.1136		
A.1.1137		
A.1.1138		
A.1.1139		

TABLE A-continued

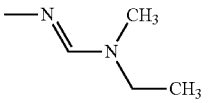
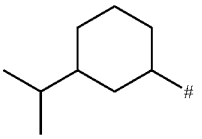
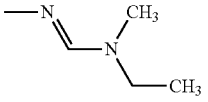
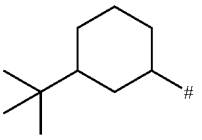
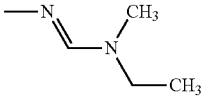
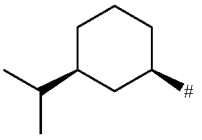
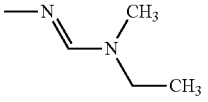
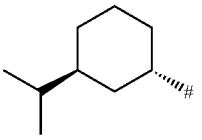
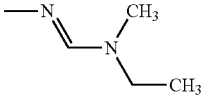
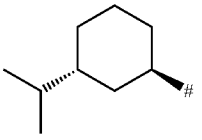
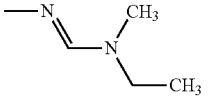
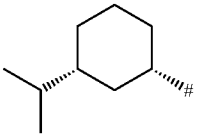
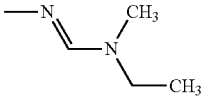
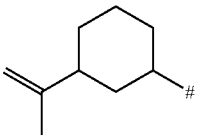
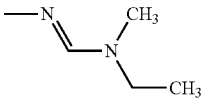
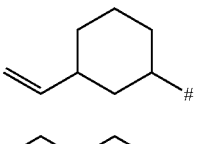
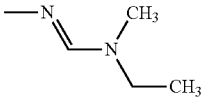
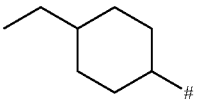
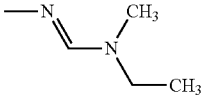
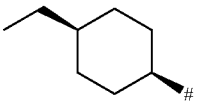
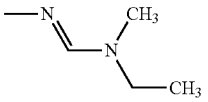
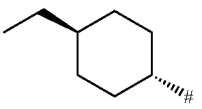
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1140		
A.1.1141		
A.1.1142		
A.1.1143		
A.1.1144		
A.1.1145		
A.1.1146		
A.1.1147		
A.1.1148		
A.1.1149		
A.1.1150		

TABLE A-continued

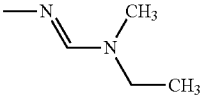
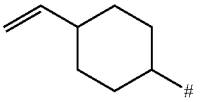
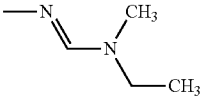
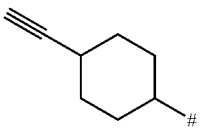
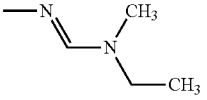
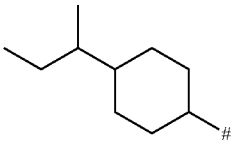
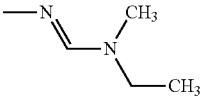
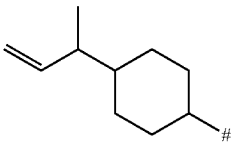
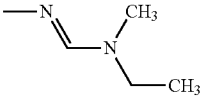
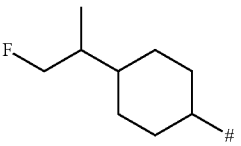
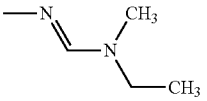
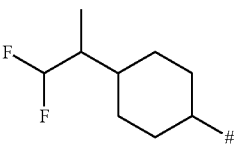
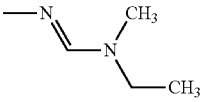
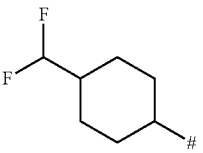
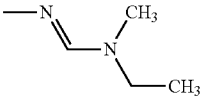
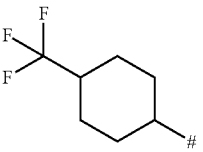
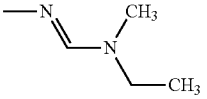
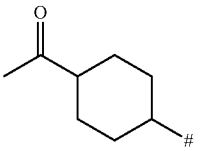
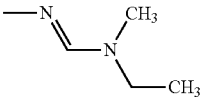
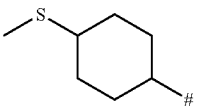
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1151		
A.1.1152		
A.1.1153		
A.1.1154		
A.1.1155		
A.1.1156		
A.1.1157		
A.1.1158		
A.1.1159		
A.1.1160		

TABLE A-continued

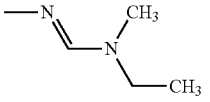
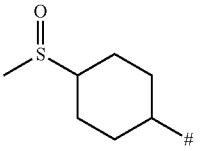
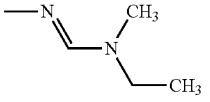
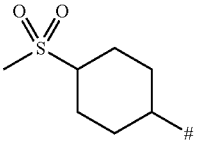
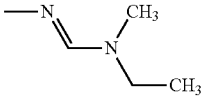
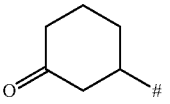
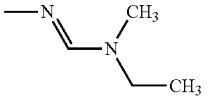
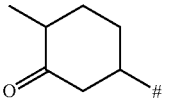
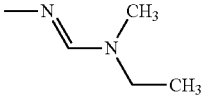
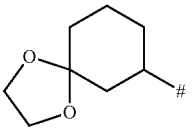
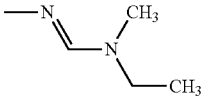
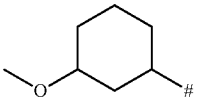
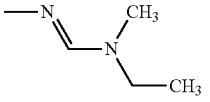
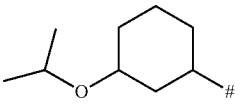
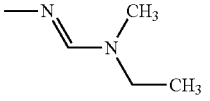
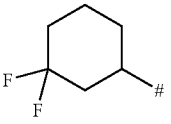
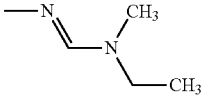
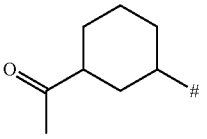
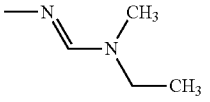
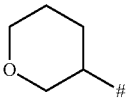
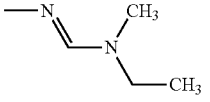
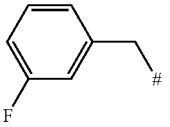
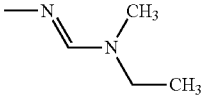
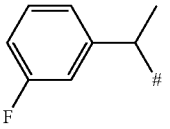
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1161		
A.1.1162		
A.1.1163		
A.1.1164		
A.1.1165		
A.1.1166		
A.1.1167		
A.1.1168		
A.1.1169		
A.1.1170		
A.1.1171		
A.1.1172		

TABLE A-continued

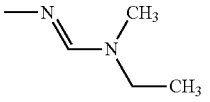
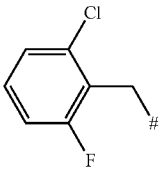
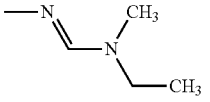
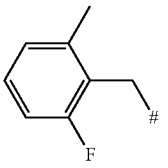
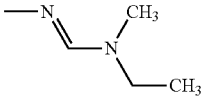
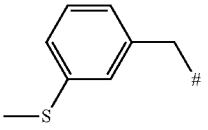
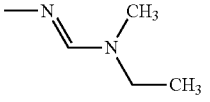
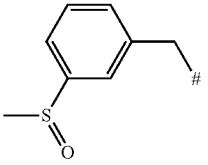
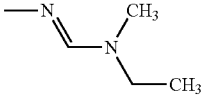
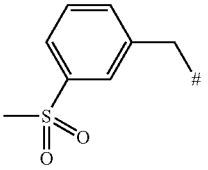
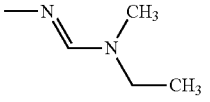
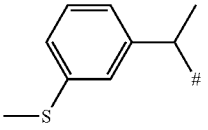
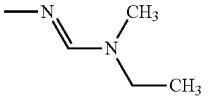
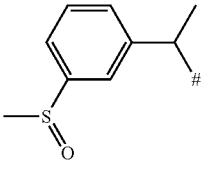
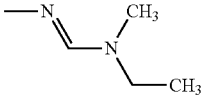
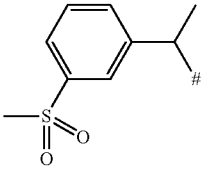
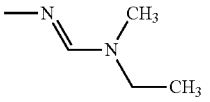
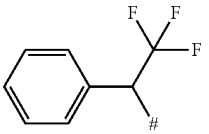
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1173		
A.1.1174		
A.1.1175		
A.1.1176		
A.1.1177		
A.1.1178		
A.1.1179		
A.1.1180		
A.1.1181		

TABLE A-continued

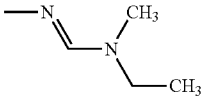
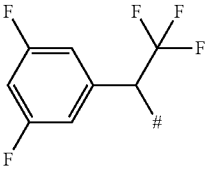
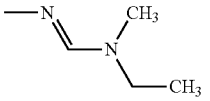
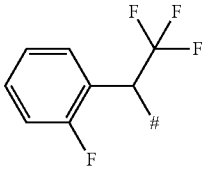
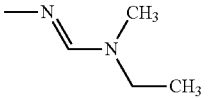
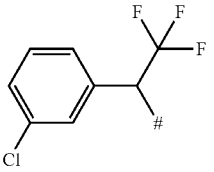
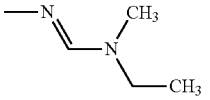
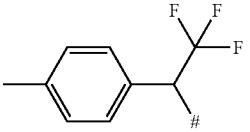
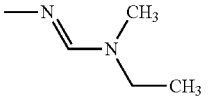
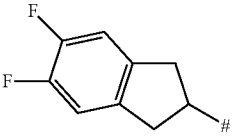
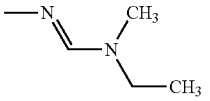
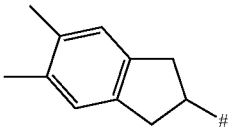
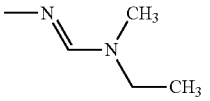
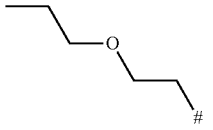
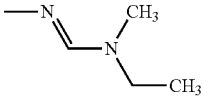
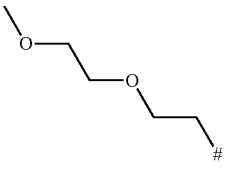
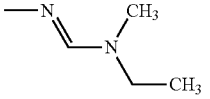
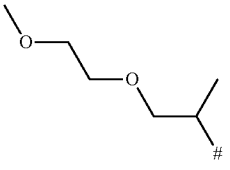
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1182		
A.1.1183		
A.1.1184		
A.1.1185		
A.1.1186		
A.1.1187		
A.1.1188		
A.1.1189		
A.1.1190		

TABLE A-continued

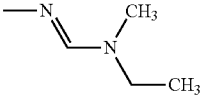
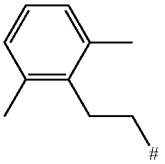
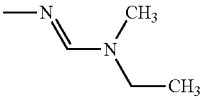
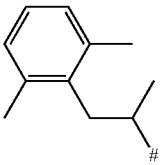
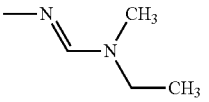
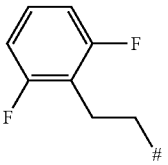
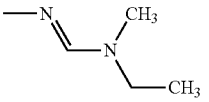
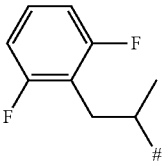
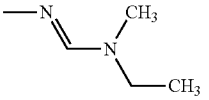
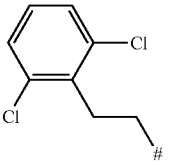
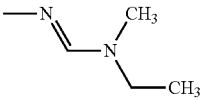
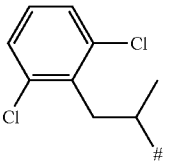
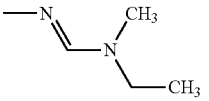
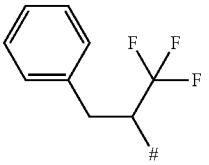
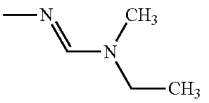
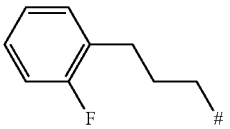
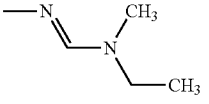
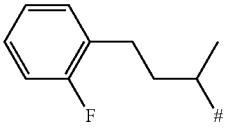
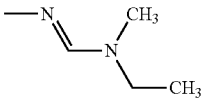
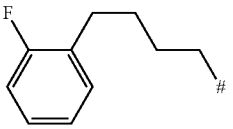
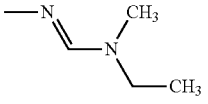
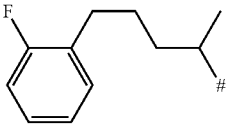
	Meanings for R_1, R_2, R_5 and R_6:	
A.1.1191		
A.1.1192		
A.1.1193		
A.1.1194		
A.1.1195		
A.1.1196		
A.1.1197		
A.1.1198		
A.1.1199		

TABLE A-continued

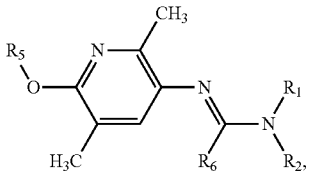
Meanings for R_1, R_2, R_5 and R_6:		
A.1.1200		
A.1.1201		

The following tables T1 to T151 disclose preferred compounds of formula I for inclusion as component A in compositions of the invention.

TABLE 1

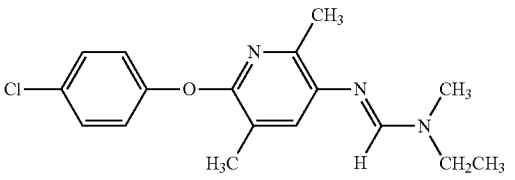
This table discloses the 1201 compounds T1.1.1 to T1.1.1201 of the formula

(T1)



in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A. For example, the specific compound T1.1.13 is the compound of the formula T1, in which each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the line A.1.13 of Table A:

(T1.1.13)

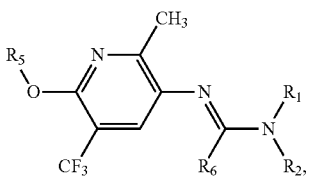


According to the same system, also all of the other 1201 specific compounds disclosed in the Table 1 as well as all of the specific compounds disclosed in the Tables 2 to T151 are specified analogously.

TABLE 2

This table discloses the 1201 compounds T2.1.1 to T2.1.1201 of the formula

(T2)

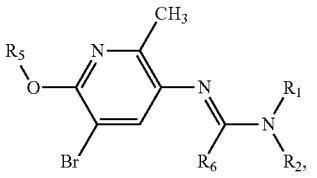


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 3

This table discloses the 1201 compounds T3.1.1 to T3.1.1201 of the formula

(T3)

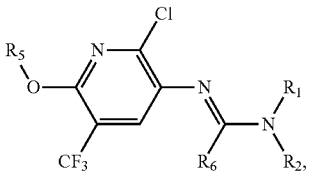


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 4

This table discloses the 1201 compounds T4.1.1 to T4.1.1201 of the formula

(T4)

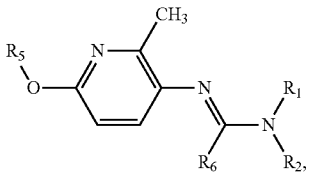


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 5

This table discloses the 1201 compounds T5.1.1 to T5.1.1201 of the formula

(T5)

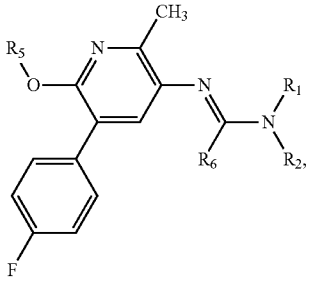


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 6

This table discloses the 1201 compounds T6.1.1 to T6.1.1201 of the formula

(T6)

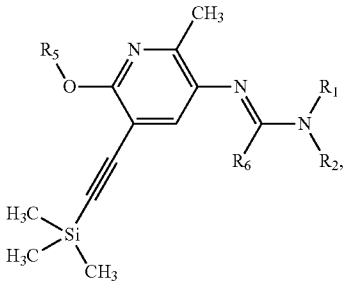


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 7

This table discloses the 1201 compounds T7.1.1 to T7.1.1201 of the formula

(T7)

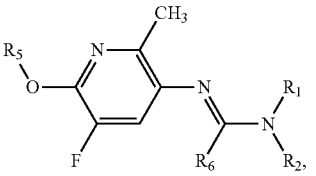


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 8

This table discloses the 1201 compounds T8.1.1 to T8.1.1201 of the formula

(T8)

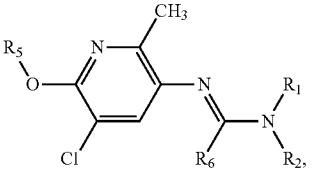


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 9

This table discloses the 1201 compounds T9.1.1 to T9.1.1201 of the formula

(T9)

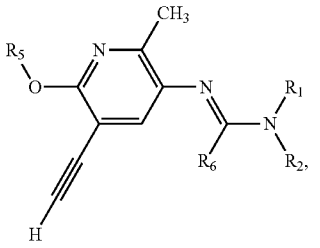


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 10

This table discloses the 1201 compounds T10.1.1 to T10.1.1201 of the formula

(T10)

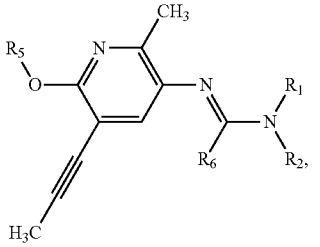


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 11

This table discloses the 1201 compounds T11.1.1 to T11.1.1201 of the formula

(T11)

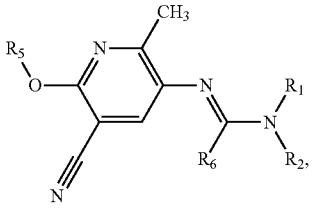


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 12

This table discloses the 1201 compounds T12.1.1 to T12.1.1201 of the formula

(T12)

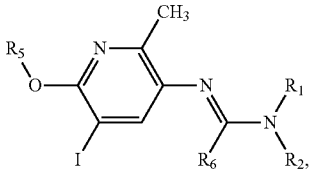


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 13

This table discloses the 1201 compounds T13.1.1 to T13.1.1201 of the formula

(T13)

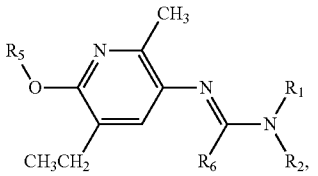


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 14

This table discloses the 1201 compounds T14.1.1 to T14.1.1201 of the formula

(T14)

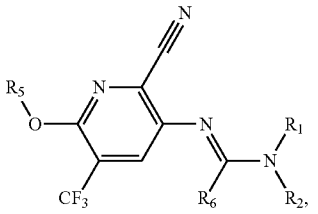


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 15

This table discloses the 1201 compounds T15.1.1 to T15.1.1201 of the formula

(T15)

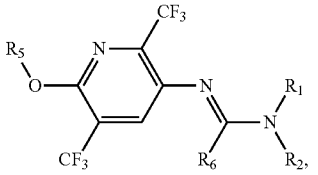


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 16

This table discloses the 1201 compounds T16.1.1 to T16.1.1201 of the formula

(T16)

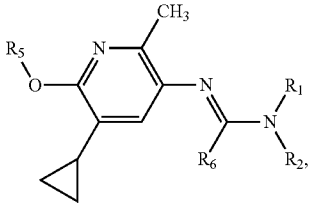


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 17

This table discloses the 1201 compounds T17.1.1 to T17.1.1201 of the formula

(T17)

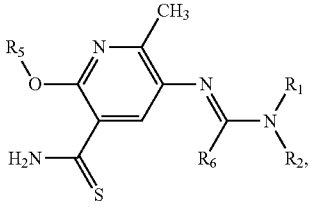


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 18

This table discloses the 1201 compounds T18.1.1 to T18.1.1201 of the formula

(T18)



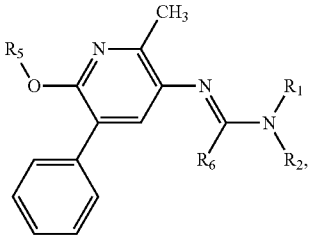
in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning

given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 19

This table discloses the 1201 compounds T19.1.1 to T19.1.1201 of the formula

(T19)

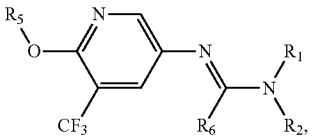


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 20

This table discloses the 1201 compounds T20.1.1 to T20.1.1201 of the formula

(T20)

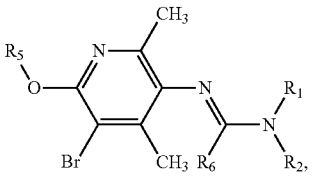


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 21

This table discloses the 1201 compounds T21.1.1 to T21.1.1201 of the formula

(T21)

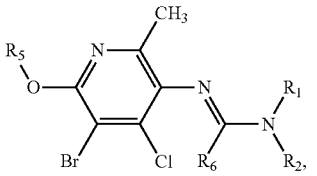


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 22

This table discloses the 1201 compounds T22.1.1 to T22.1.1201 of the formula

(T22)

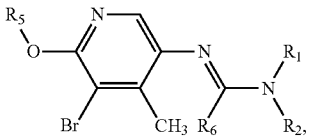


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 23

This table discloses the 1201 compounds T23.1.1 to T23.1.1201 of the formula

(T23)

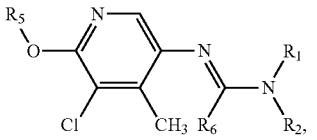


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 24

This table discloses the 1201 compounds T24.1.1 to T24.1.1201 of the formula

(T24)

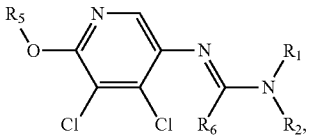


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 25

This table discloses the 1201 compounds T25.1.1 to T25.1.1201 of the formula

(T25)

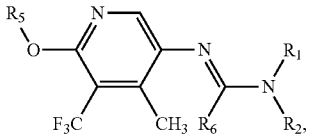


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 26

This table discloses the 1201 compounds T26.1.1 to T26.1.1201 of the formula

(T26)

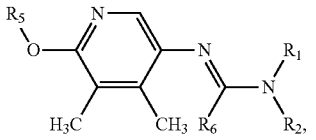


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 27

This table discloses the 1201 compounds T27.1.1 to T27.1.1201 of the formula

(T27)

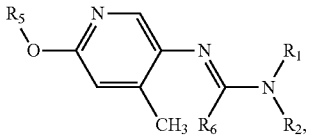


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 28

This table discloses the 1201 compounds T28.1.1 to T28.1.1201 of the formula

(T28)

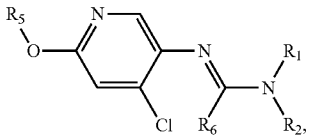


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 29

This table discloses the 1201 compounds T29.1.1 to T29.1.1201 of the formula

(T29)

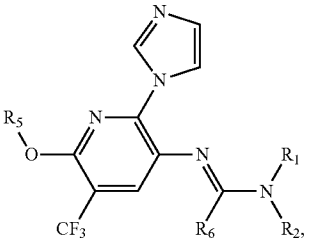


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 30

This table discloses the 1201 compounds T30.1.1 to T30.1.1201 of the formula

(T30)

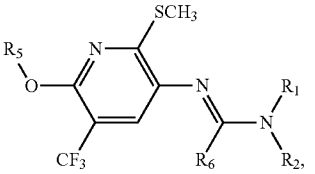


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 31

This table discloses the 1201 compounds T31.1.1 to T31.1.1201 of the formula

(T31)

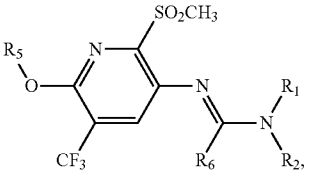


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 32

This table discloses the 1201 compounds T32.1.1 to T32.1.1201 of the formula

(T32)

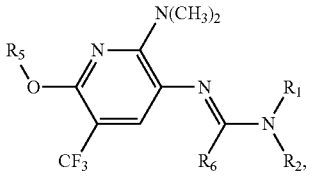


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 33

This table discloses the 1201 compounds T33.1.1 to T33.1.1201 of the formula

(T33)

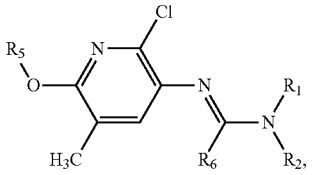


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 34

This table discloses the 1201 compounds T34.1.1 to T34.1.1201 of the formula

(T34)

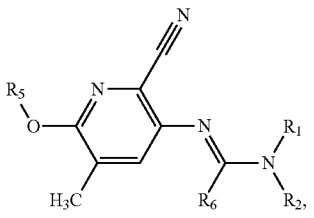


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 35

This table discloses the 1201 compounds T35.1.1 to T35.1.1201 of the formula

(T35)

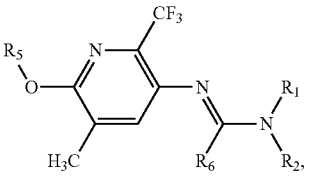


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 36

This table discloses the 1201 compounds T36.1.1 to T36.1.1201 of the formula

(T36)

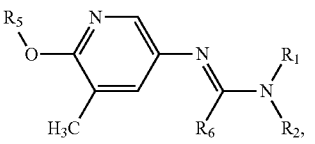


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 37

This table discloses the 1201 compounds T37.1.1 to T37.1.1201 of the formula

(T37)

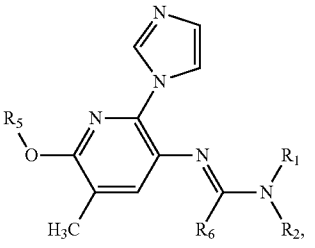


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 38

This table discloses the 1201 compounds T38.1.1 to T38.1.1201 of the formula

(T38)

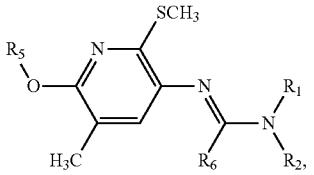


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 39

This table discloses the 1201 compounds T39.1.1 to T39.1.1201 of the formula

(T39)

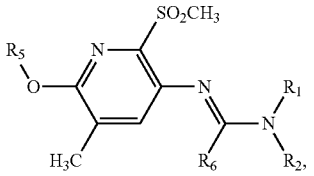


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 40

This table discloses the 1201 compounds T40.1.1 to T40.1.1201 of the formula

(T40)

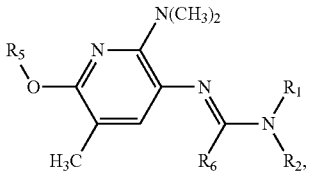


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 41

This table discloses the 1201 compounds T41.1.1 to T41.1.1201 of the formula

(T41)

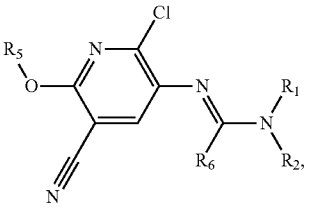


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 42

This table discloses the 1201 compounds T42.1.1 to T42.1.1201 of the formula

(T42)

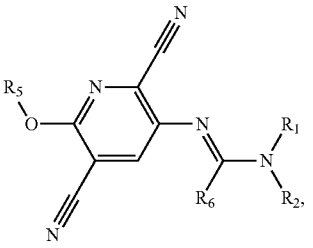


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 43

This table discloses the 1201 compounds T43.1.1 to T43.1.1201 of the formula

(T43)

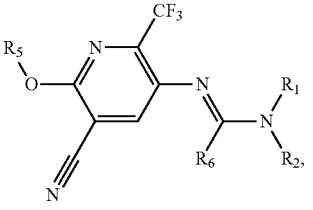


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 44

This table discloses the 1201 compounds T44.1.1 to T44.1.1201 of the formula

(T44)

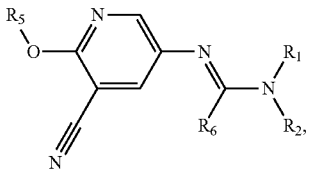


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 45

This table discloses the 1201 compounds T45.1.1 to T45.1.1201 of the formula

(T45)

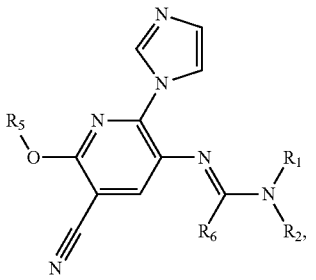


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 46

This table discloses the 1201 compounds T46.1.1 to T46.1.1201 of the formula

(T46)

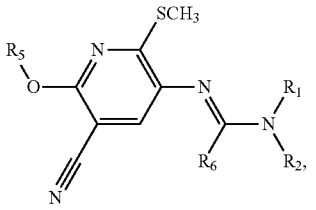


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 47

This table discloses the 1201 compounds T47.1.1 to T47.1.1201 of the formula

(T47)

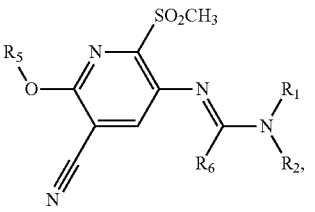


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 48

This table discloses the 1201 compounds T48.1.1 to T48.1.1201 of the formula

(T48)

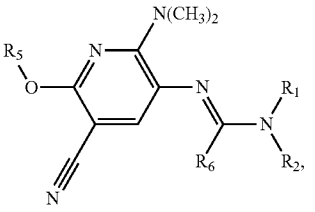


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 49

This table discloses the 1201 compounds T49.1.1 to T49.1.1201 of the formula

(T49)

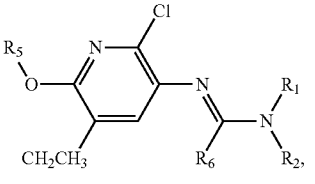


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 50

This table discloses the 1201 compounds T50.1.1 to T50.1.1201 of the formula

(T50)

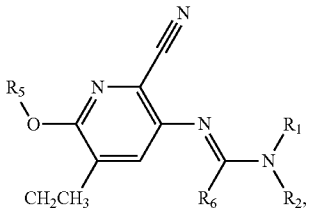


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 51

This table discloses the 1201 compounds T51.1.1 to T51.1.1201 of the formula

(T51)

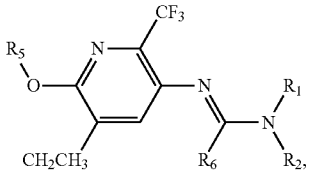


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 52

This table discloses the 1201 compounds T52.1.1 to T52.1.1201 of the formula

(T52)

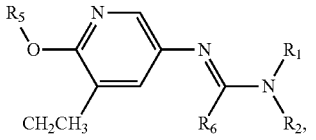


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 53

This table discloses the 1201 compounds T53.1.1 to T53.1.1201 of the formula

(T53)

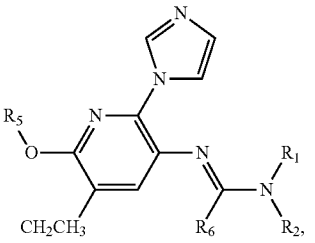


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 54

This table discloses the 1201 compounds T54.1.1 to T54.1.1201 of the formula

(T54)

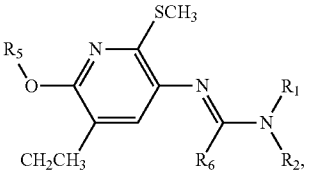


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 55

This table discloses the 1201 compounds T55.1.1 to T55.1.1201 of the formula

(T55)

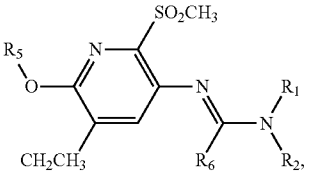


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 56

This table discloses the 1201 compounds T56.1.1 to T56.1.1201 of the formula

(T56)

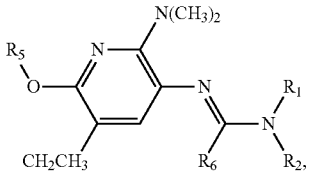


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 57

This table discloses the 1201 compounds T57.1.1 to T57.1.1201 of the formula

(T57)

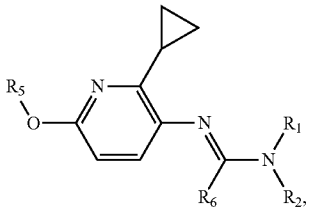


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 58

This table discloses the 1201 compounds T58.1.1 to T58.1.1201 of the formula

(T58)

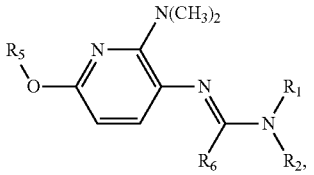


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 59

This table discloses the 1201 compounds T59.1.1 to T59.1.1201 of the formula

(T59)

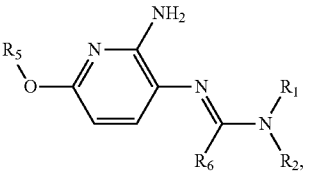


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 60

This table discloses the 1201 compounds T60.1.1 to T60.1.1201 of the formula

(T60)

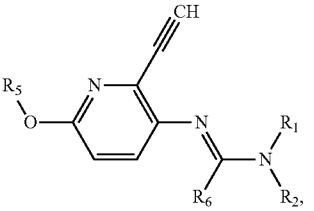


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 61

This table discloses the 1201 compounds T61.1.1 to T61.1.1201 of the formula

(T61)

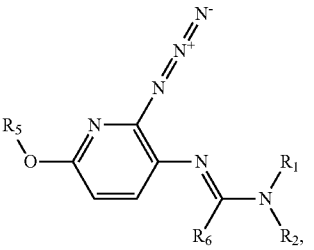


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 62

This table discloses the 1201 compounds T62.1.1 to T62.1.1201 of the formula

(T62)

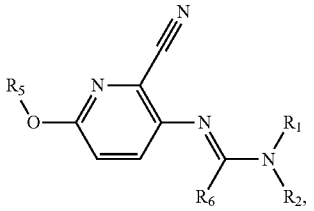


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 63

This table discloses the1201 compounds T63.1.1 to T63.1.1201 of the formula

(T63)

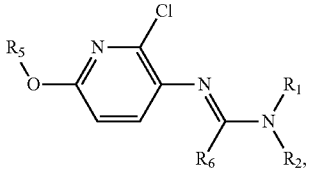


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 64

This table discloses the 1201 compounds T64.1.1 to T64.1.1201 of the formula

(T64)

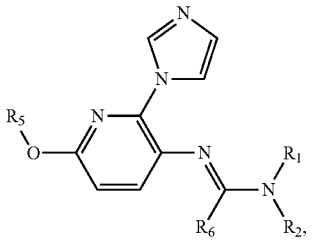


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 65

This table discloses the 1201 compounds T65.1.1 to T65.1.1201 of the formula

(T65)

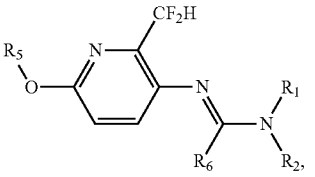


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 66

This table discloses the 1201 compounds T66.1.1 to T66.1.1201 of the formula

(T66)

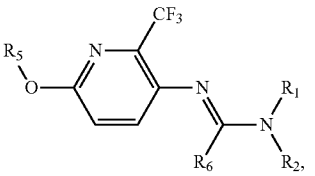


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 67

This table discloses the 1201 compounds T67.1.1 to T67.1.1201 of the formula

(T67)

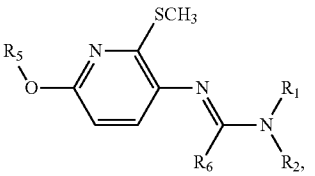


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 68

This table discloses the 1201 compounds T68.1.1 to T68.1.1201 of the formula

(T68)

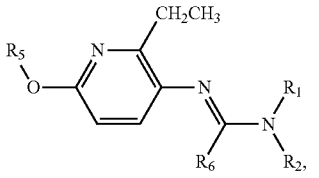


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 69

This table discloses the 1201 compounds T69.1.1 to T69.1.1201 of the formula

(T69)

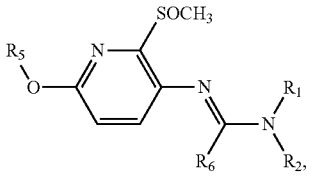


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 70

This table discloses the 1201 compounds T70.1.1 to T70.1.1201 of the formula

(T70)

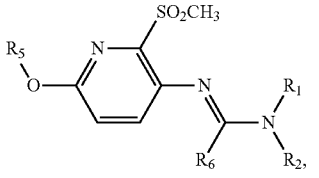


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 71

This table discloses the 1201 compounds T71.1.1 to T71.1.1201 of the formula

(T71)

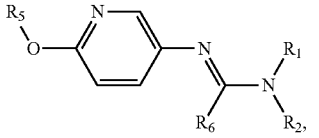


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 72

This table discloses the 1201 compounds T72.1.1 to T72.1.1201 of the formula

(T72)

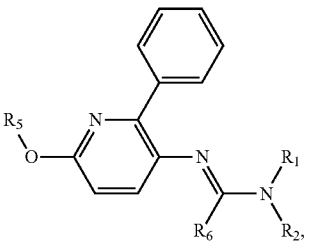


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 73

This table discloses the 1201 compounds T73.1.1 to T73.1.1201 of the formula

(T73)

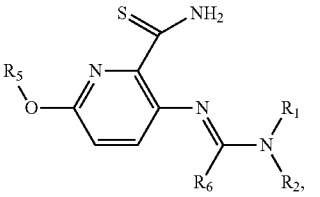


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 74

This table discloses the 1201 compounds T74.1.1 to T74.1.1201 of the formula

(T74)

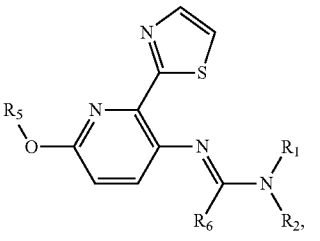


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 75

This table discloses the 1201 compounds T75.1.1 to T75.1.1201 of the formula

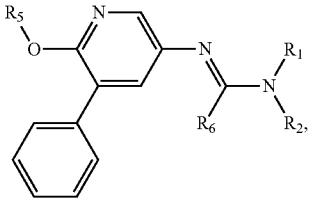
(T75)



in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 76

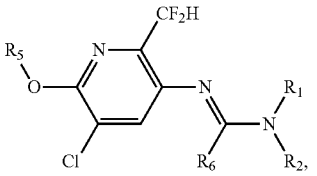
This table discloses the 1201 compounds T76.1.1 to T76.1.1201 of the formula


(T76)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 77

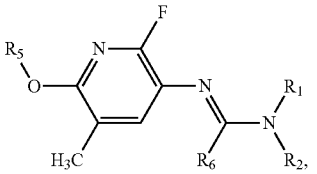
This table discloses the 1201 compounds T77.1.1 to T77.1.1201 of the formula


(T77)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 78

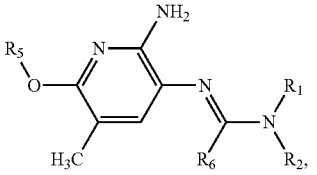
This table discloses the 1201 compounds T78.1.1 to T78.1.1201 of the formula


(T78)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 79

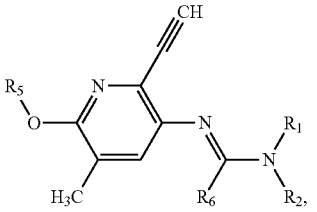
This table discloses the 1201 compounds T79.1.1 to T79.1.1201 of the formula


(T79)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 80

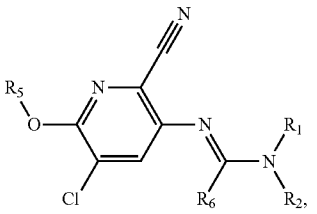
This table discloses the 1201 compounds T80.1.1 to T80.1.1201 of the formula


(T80)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 81

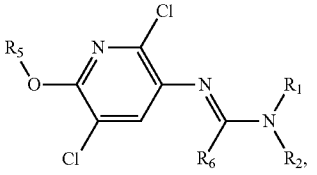
This table discloses the 1201 compounds T81.1.1 to T81.1.1201 of the formula


(T81)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 82

This table discloses the 1201 compounds T82.1.1 to T82.1.1201 of the formula

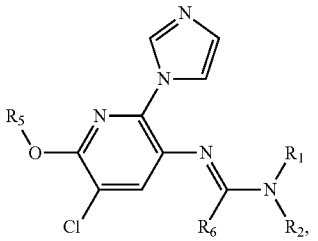

(T82)

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 83

This table discloses the 1201 compounds T83.1.1 to T83.1.1201 of the formula

(T83)

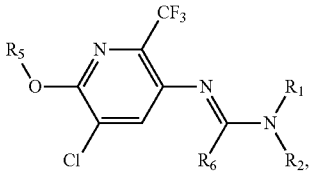


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 84

This table discloses the 1201 compounds T84.1.1 to T84.1.1201 of the formula

(T84)

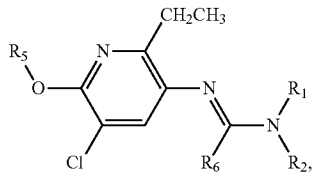


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 85

This table discloses the 1201 compounds T85.1.1 to T85.1.1201 of the formula

(T85)

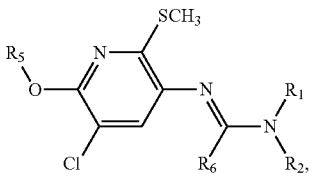


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 86

This table discloses the 1201 compounds T86.1.1 to T86.1.1201 of the formula

(T86)

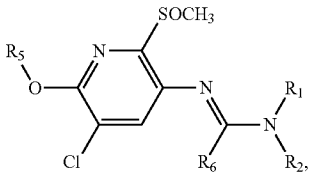


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 87

This table discloses the 1201 compounds T87.1.1 to T87.1.1201 of the formula

(T87)

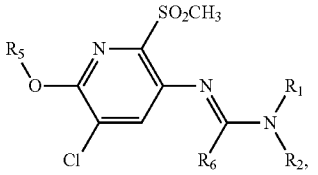


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 88

This table discloses the 1201 compounds T88.1.1 to T88.1.1201 of the formula

(T88)

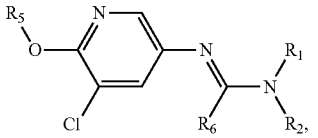


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 89

This table discloses the 1201 compounds T89.1.1 to T89.1.1201 of the formula

(T89)

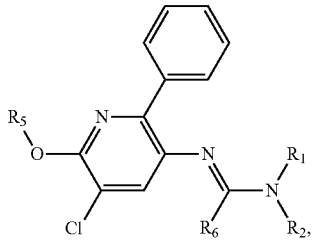


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 90

This table discloses the 1201 compounds T90.1.1 to T90.1.1201 of the formula

(T90)

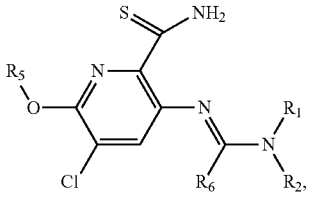


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 91

This table discloses the 1201 compounds T91.1.1 to T91.1.1201 of the formula

(T91)

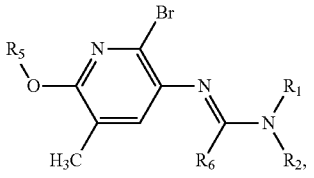


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 92

This table discloses the 1201 compounds T92.1.1 to T92.1.1201 of the formula

(T92)

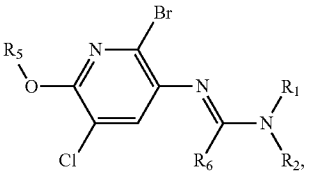


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 93

This table discloses the 1201 compounds T93.1.1 to T93.1.1201 of the formula

(T93)

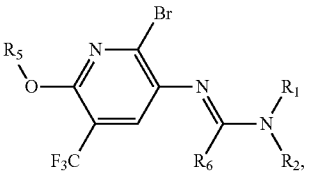


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 94

This table discloses the 1201 compounds T94.1.1 to T94.1.1201 of the formula

(T94)

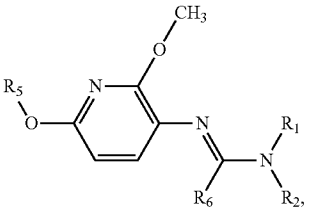


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 95

This table discloses the 1201 compounds T95.1.1 to T95.1.1201 of the formula

(T95)

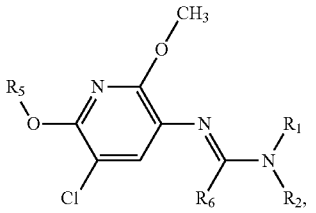


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 96

This table discloses the 1201 compounds T96.1.1 to T96.1.1201 of the formula

(T96)

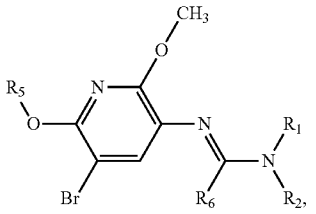


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 97

This table discloses the 1201 compounds T97.1.1 to T97.1.1201 of the formula

(T97)

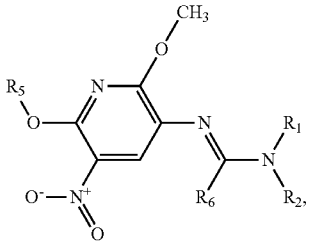


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 98

This table discloses the 1201compounds T98.1.1 to T98.1.1201 of the formula

(T98)

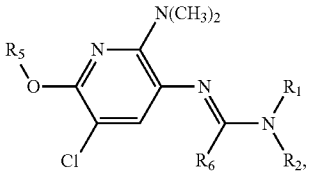


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 99

This table discloses the 1201 compounds T99.1.1 to T99.1.1201 of the formula

(T99)

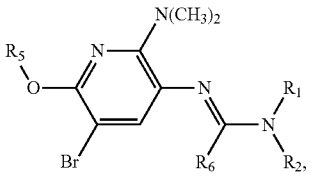


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 100

This table discloses the 1201 compounds T100.1.1 to T100.1.1201 of the formula

(T100)

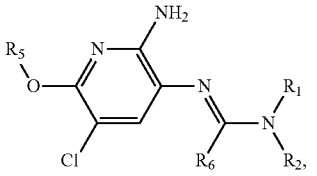


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 101

This table discloses the 1201 compounds T101.1.1 to T101.1.1201 of the formula

(T101)

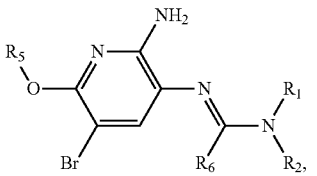


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 102

This table discloses the 1201compounds T102.1.1 to T102.1.1201 of the formula

(T102)



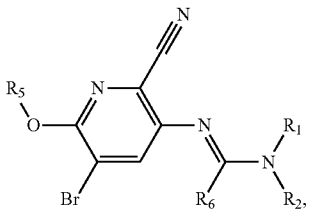
in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 103

This table discloses the 1201 compounds T103.1.1 to T103.1.1201 of the formula

(T103)

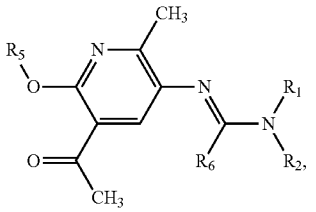


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 104

This table discloses the 1201 compounds T104.1.1 to T104.1.1201 of the formula

(T104)

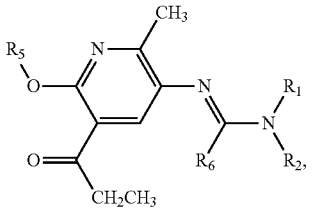


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 105

This table discloses the 1201 compounds T105.1.1 to T105.1.1201 of the formula

(T105)

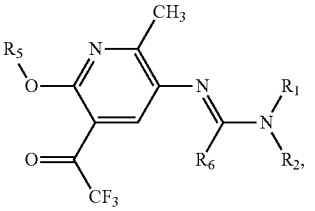


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 106

This table discloses the 1201 compounds T106.1.1 to T106.1.1201 of the formula

(T106)

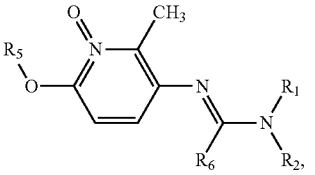


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 107

This table discloses the 1201 compounds T107.1.1 to T107.1.1201 of the formula

(T107)

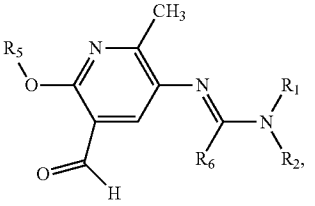


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 108

This table discloses the 1201 compounds T108.1.1 to T108.1.1201 of the formula

(T108)

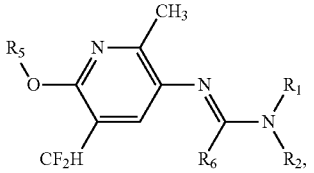


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 109

This table discloses the 1201 compounds T109.1.1 to T109.1.1201 of the formula

(T109)

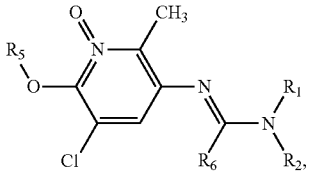


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 110

This table discloses the 1201 compounds T110.1.1 to T110.1.1201 of the formula

(T110)

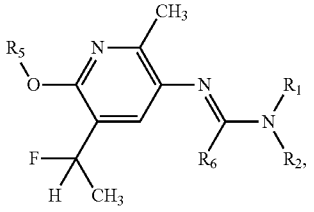


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 111

This table discloses the 1201 compounds T111.1.1 to T111.1.1201 of the formula

(T111)

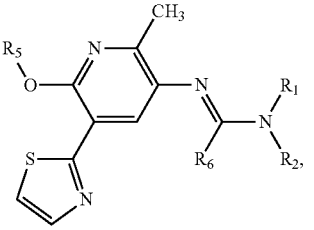


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 112

This table discloses the 1201 compounds T112.1.1 to T112.1.1201 of the formula

(T112)

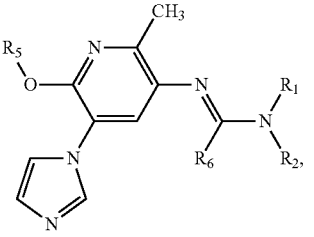


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 113

This table discloses the 1201 compounds T113.1.1 to T113.1.1201 of the formula

(T113)

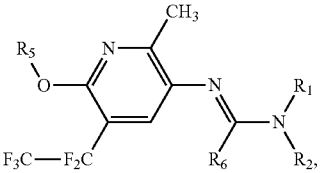


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 114

This table discloses the 1201 compounds T114.1.1 to T114.1.1201 of the formula

(T114)

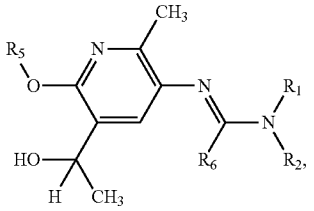


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 115

This table discloses the 1201 compounds T115.1.1 to T115.1.1201 of the formula

(T115)

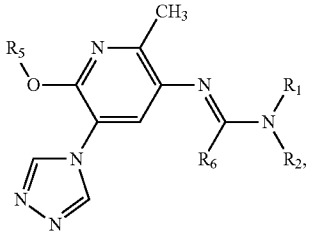


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 116

This table discloses the 1201 compounds T116.1.1 to T116.1.1201 of the formula

(T116)

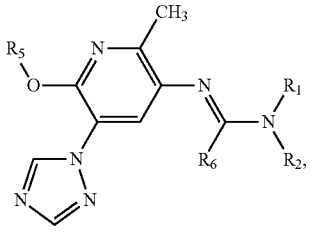


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 117

This table discloses the 1201 compounds T117.1.1 to T117.1.1201 of the formula

(T117)

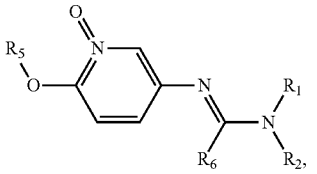


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 118

This table discloses the 1201 compounds T118.1.1 to T118.1.1201 of the formula

(T118)

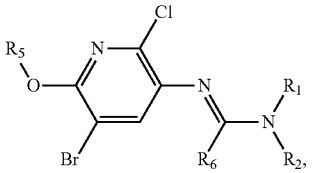


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 119

This table discloses the 1201 compounds T119.1.1 to T119.1.1201 of the formula

(T119)

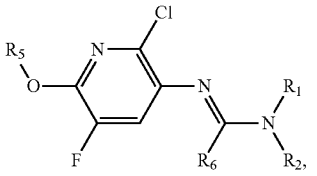


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 120

This table discloses the 1201 compounds T120.1.1 to T120.1.1201 of the formula

(T120)

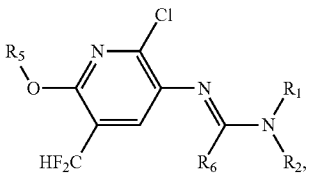


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 121

This table discloses the 1201 compounds T121.1.1 to T121.1.1201 of the formula

(T121)

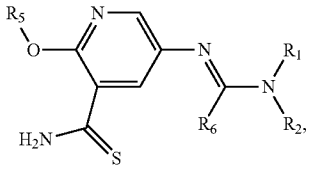


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 122

This table discloses the 1201 compounds T122.1.1 to T122.1.1201 of the formula

(T122)

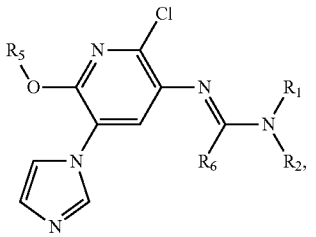


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 123

This table discloses the 1201 compounds T123.1.1 to T123.1.1201 of the formula

(T123)

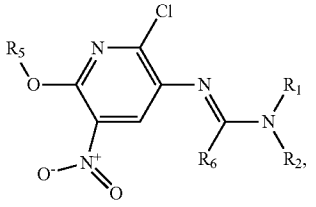


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 124

This table discloses the 1201 compounds T124.1.1 to T124.1.1201 of the formula

(T124)

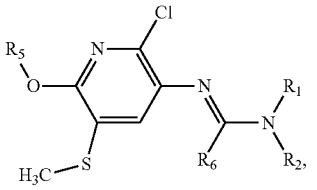


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 125

This table discloses the 1201 compounds T125.1.1 to T125.1.1201 of the formula

(T125)

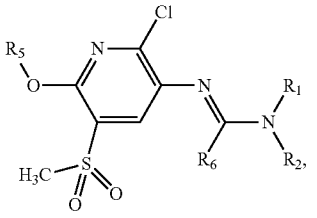


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 126

This table discloses the 1201 compounds T126.1.1 to T126.1.1201 of the formula

(T126)

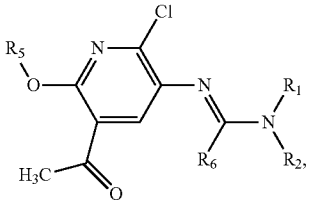


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 127

This table discloses the 1201 compounds T127.1.1 to T127.1.1201 of the formula

(T127)

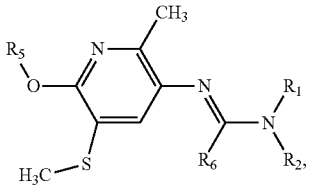


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 128

This table discloses the 1201 compounds T128.1.1 to T128.1.1201 of the formula

(T128)

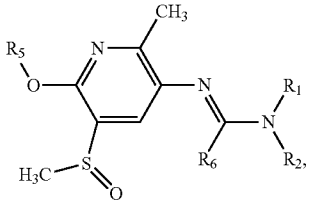


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 129

This table discloses the 1201 compounds T129.1.1 to T129.1.1201 of the formula

(T129)

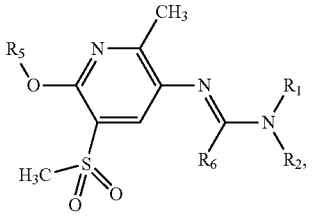


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 130

This table discloses the 1201 compounds T130.1.1 to T130.1.1201 of the formula

(T130)

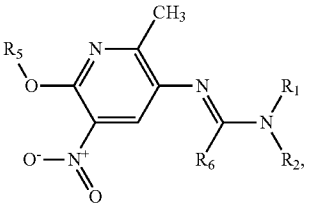


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 131

This table discloses the 1201 compounds T131.1.1 to T131.1.1201 of the formula

(T131)

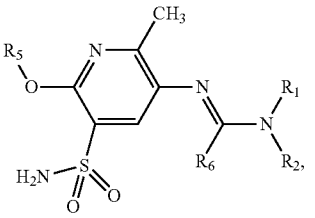


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 132

This table discloses the 1201 compounds T132.1.1 to T132.1.1201 of the formula

(T132)

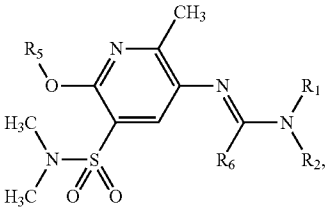


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 133

This table discloses the 1201 compounds T133.1.1 to T133.1.1201 of the formula

(T133)

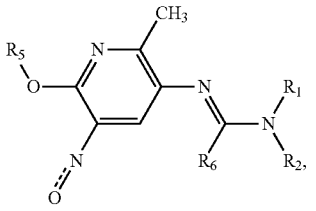


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 134

This table discloses the 1201 compounds T134.1.1 to T134.1.1201 of the formula

(T134)

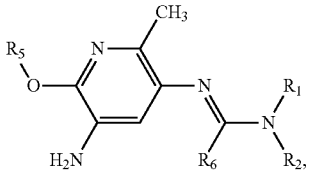


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 135

This table discloses the 1201 compounds T135.1.1 to T135.1.1201 of the formula

(T135)

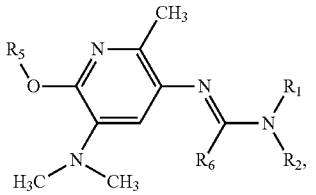


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 136

This table discloses the 1201 compounds T136.1.1 to T136.1.1201 of the formula

(T136)

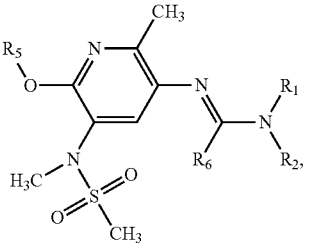


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 137

This table discloses the 1201 compounds T137.1.1 to T137.1.1201 of the formula

(T137)

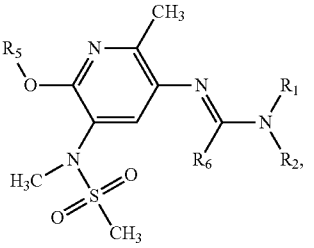


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 138

This table discloses the 1201 compounds T138.1.1 to T138.1.1201 of the formula

(T138)

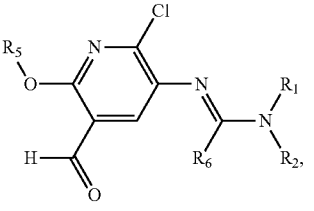


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 139

This table discloses the 1201 compounds T139.1.1 to T139.1.1201 of the formula

(T139)

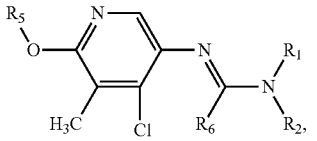


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 140

This table discloses the 1201 compounds T140.1.1 to T140.1.1201 of the formula

(T140)

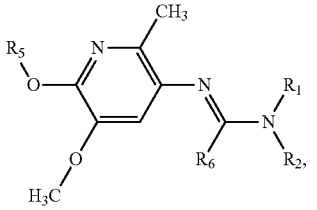


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 141

This table discloses the 1201 compounds T141.1.1 to T141.1.1201 of the formula

(T141)

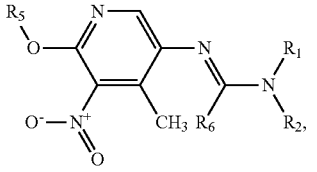


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 142

This table discloses the 1201 compounds T142.1.1 to T142.1.1201 of the formula

(T142)

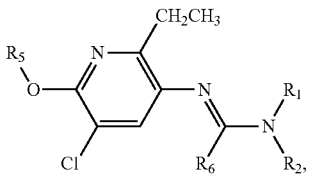


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 143

This table discloses the 1201 compounds T143.1.1 to T143.1.1201 of the formula

(T143)

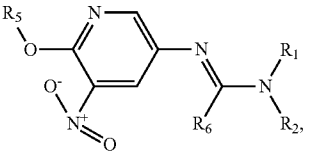


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 144

This table discloses the 1201 compounds T144.1.1 to T144.1.1201 of the formula

(T144)

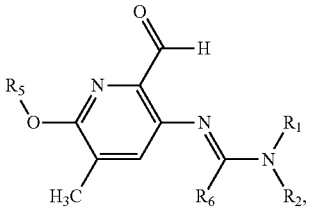


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 145

This table discloses the 1201 compounds T145.1.1 to T145.1.1201 of the formula

(T145)

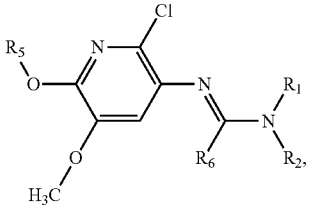


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 146

This table discloses the 1201 compounds T146.1.1 to T146.1.1201 of the formula

(T146)

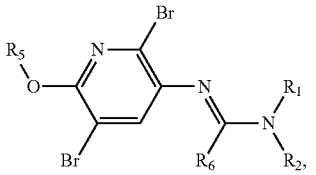


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 147

This table discloses the 1201 compounds T147.1.1 to T147.1.1201 of the formula

(T147)

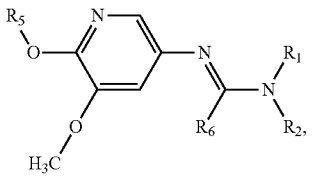


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 148

This table discloses the 1201 compounds T148.1.1 to T148.1.1201 of the formula

(T148)

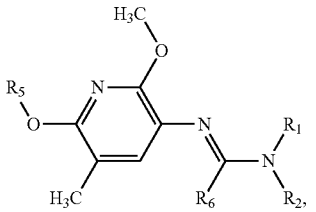


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 149

This table discloses the 1201 compounds T149.1.1 to T149.1.1201 of the formula

(T149)

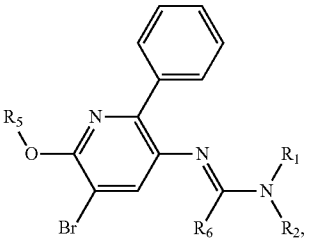


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 150

This table discloses the 1201 compounds T150.1.1 to T150.1.1201 of the formula

(T150)

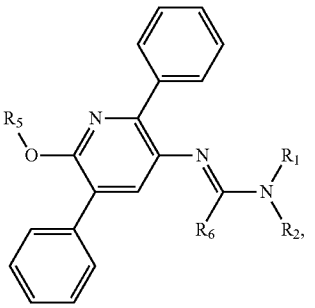


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 151

This table discloses the 1201 compounds T151.1.1 to T151.1.1201 of the formula

(T151)

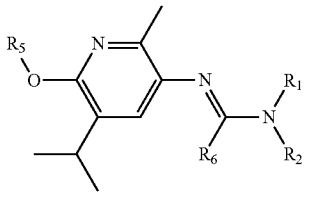


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 152

This table discloses the 1201 compounds T152.1.1 to T152.1.1201 of the formula

(T152)

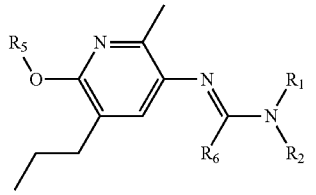


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 153

This table discloses the 1201 compounds T153.1.1 to T153.1.1201 of the formula

(T153)

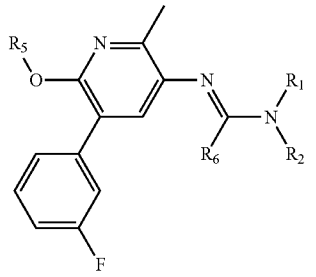


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 154

This table discloses the 1201 compounds T154.1.1 to T154.1.1201 of the formula

(T154)

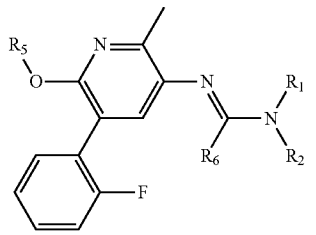


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 155

This table discloses the 1201 compounds T155.1.1 to T155.1.1201 of the formula

(T155)

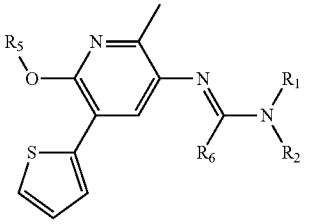


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 156

This table discloses the 1201 compounds T156.1.1 to T156.1.1201 of the formula

(T156)

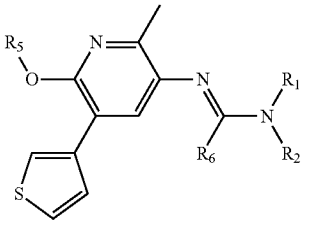


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 157

This table discloses the 1201 compounds T157.1.1 to T157.1.1201 of the formula

(T157)

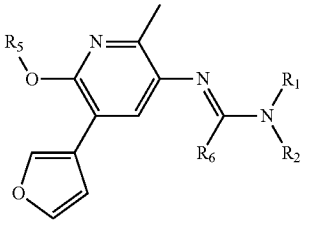


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 158

This table discloses the 1201 compounds T158.1.1 to T158.1.1201 of the formula

(T158)

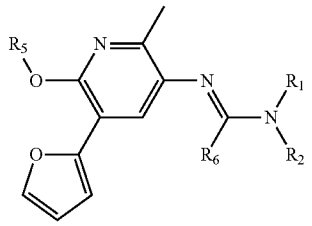


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 159

This table discloses the 1201 compounds T159.1.1 to T159.1.1201 of the formula

(T159)

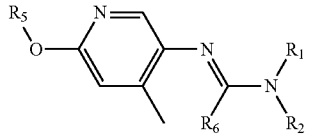


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 160

This table discloses the 1201 compounds T160.1.1 to T160.1.1201 of the formula

(T160)

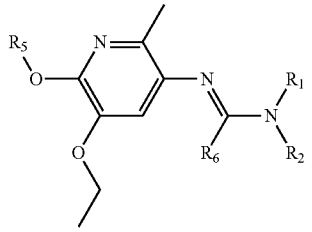


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 161

This table discloses the 1201 compounds T161.1.1 to T161.1.1201 of the formula

(T161)

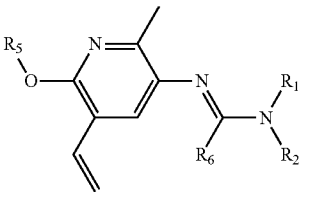


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 162

This table discloses the 1201 compounds T162.1.1 to T162.1.1201 of the formula

(T162)

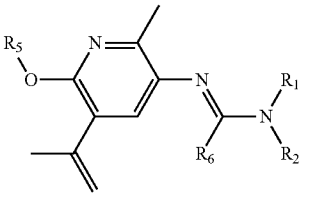


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 163

This table discloses the 1201 compounds T163.1.1 to T163.1.1201 of the formula

(T163)

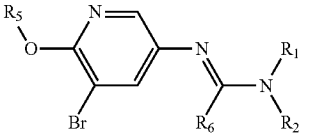


in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

TABLE 164

This table discloses the 1201 compounds T164.1.1 to T164.1.1201 of the formula

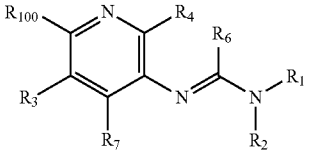
(T164)



in which, for each of these 1201 specific compounds, each of the variables R_1, R_2, R_5 and R_6 has the specific meaning given in the corresponding line, appropriately selected from the 1201 lines A.1.1 to A.1.1201 of Table A.

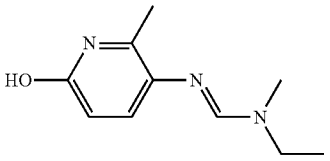
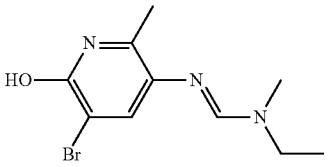
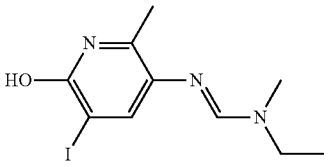
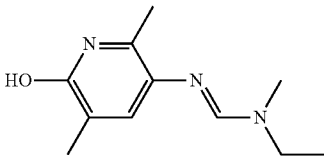
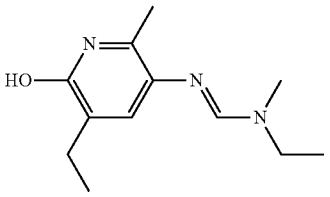
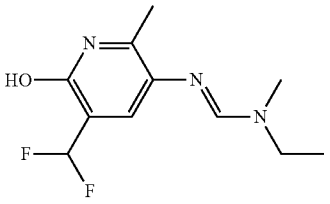
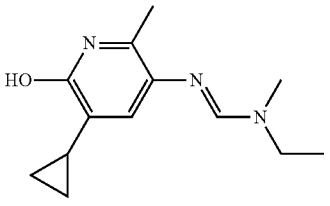
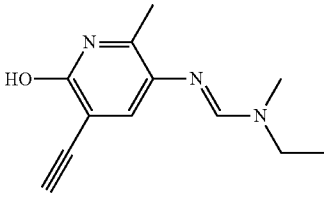
In further embodiments the invention provides novel intermediates to provide compounds according to formula (I) are compounds of formula (IV)

(IV)

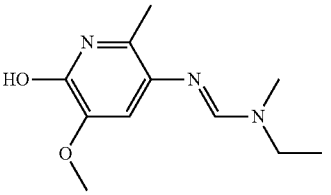
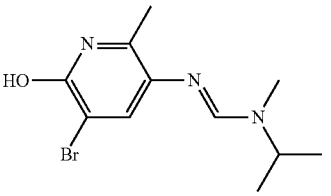
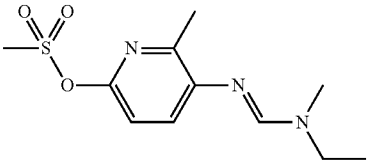
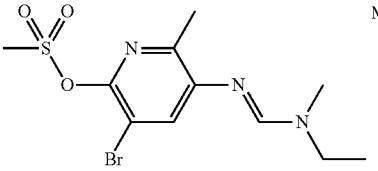
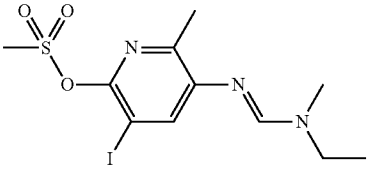
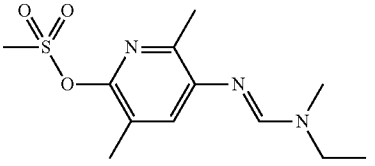
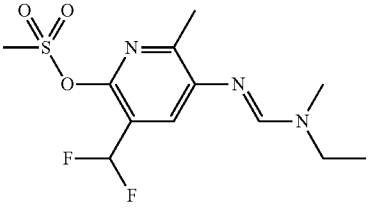
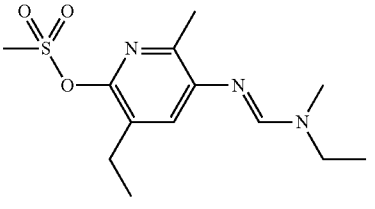


wherein R_{100} is wherein R_{100} is halogen, SH, C_1-C_4-alkylthio, C_1-C_4-alkylsulfinyl, C_1-C_4-alkylsulfonyl and R_1, R_2, R_3, R_4, R_6 and R_7 are as described herein for compounds of formula (I).

The Following Table Provides a Selection of Compounds of Formula (IV)

R.01		
R.02		Mp: 168-170° C.
R.03		
R.04		
R.05		
R.06		
R.07		
R.08		

-continued

R.09		
R.10		
R.11		
R.12		Mp: 85-87° C.
R.13		
R.14		
R.15		
R.16		

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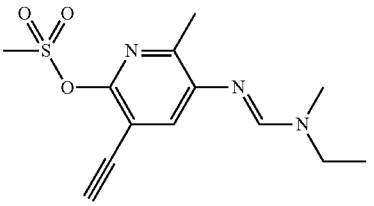
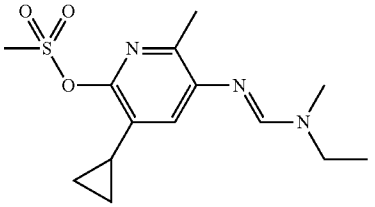
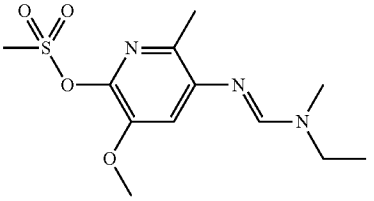
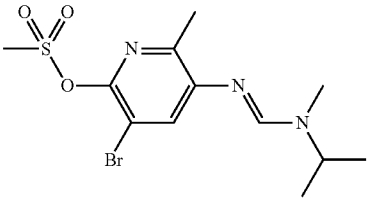
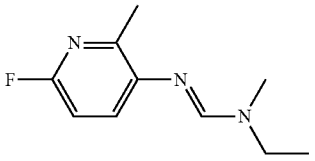
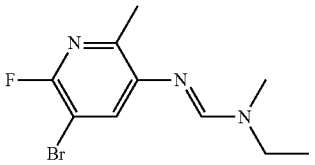
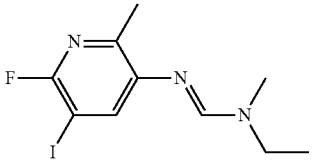
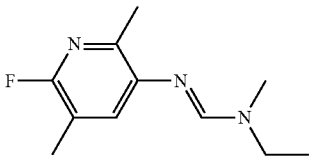
R.17		
R.18		
R.19		
R.20		
R.21		
R.22		Oil; $(M + 1)^+$ 300
R.23		
R.24		

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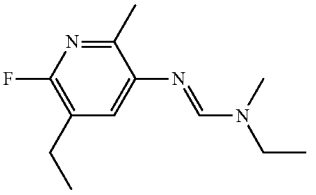
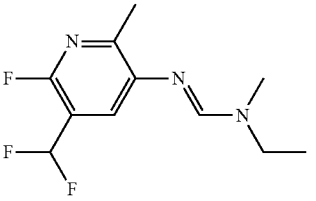
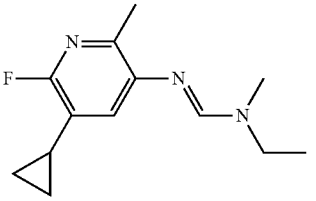
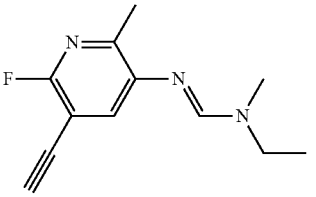
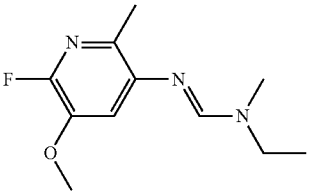
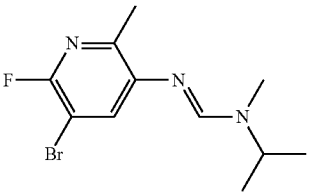
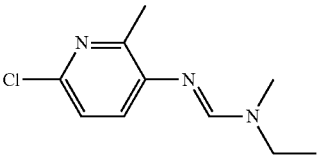
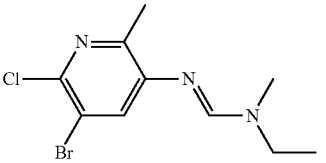
R.25		
R.26		
R.27		
R.28		
R.29		
R.30		
R.31		
R.32		Oil; $(M + 1)^+$ 290

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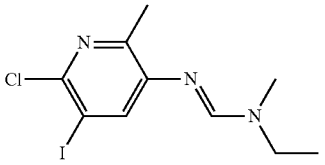
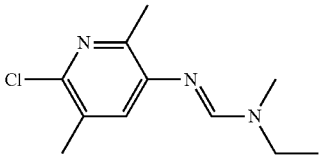
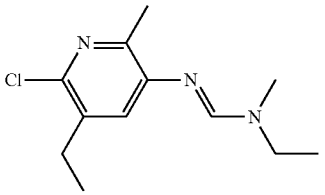
R.33



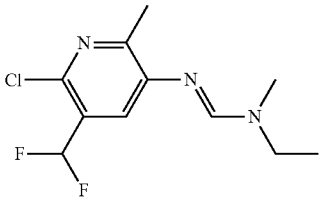
R.34



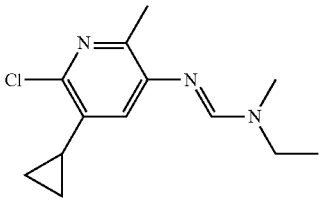
R.35



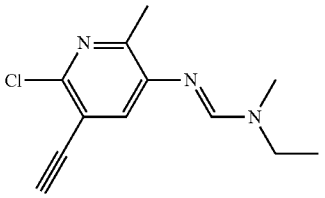
R.36



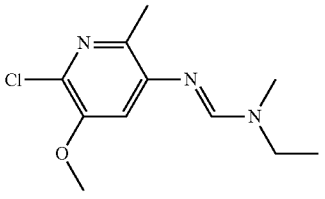
R.37



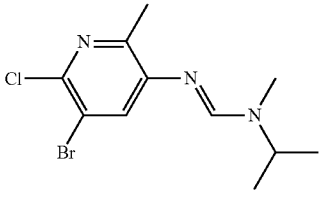
R.38



R.39



R.40



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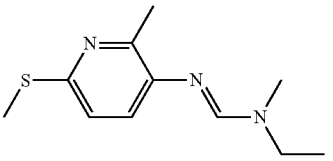
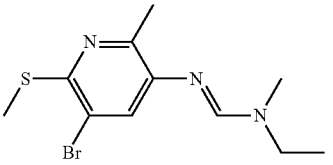
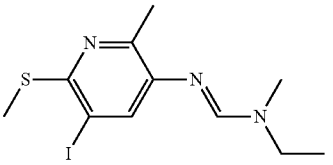
R.41



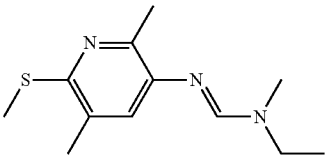
R.42



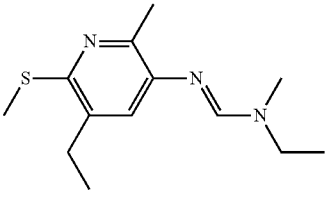
R.43



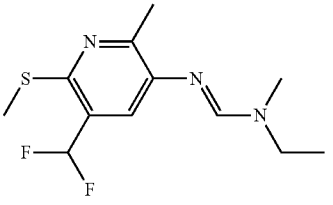
R.44



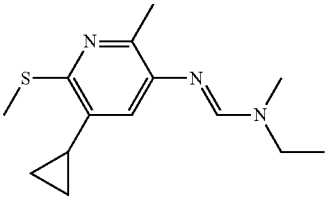
R.45



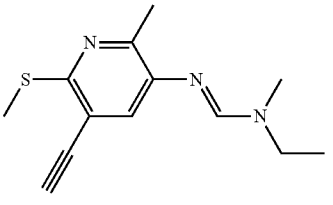
R.46



R.47



R.48



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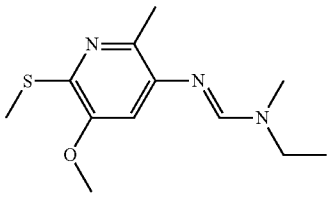
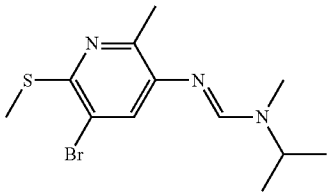
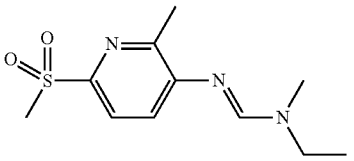
R.49



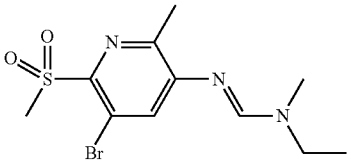
R.50



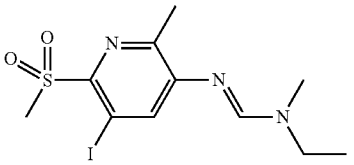
R.51



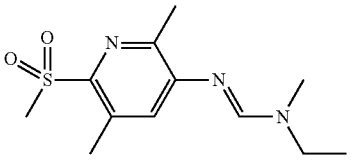
R.52



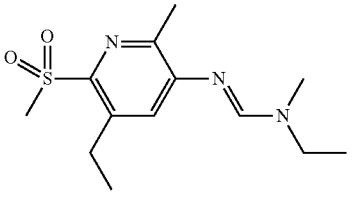
R.53



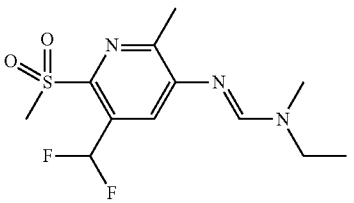
R.54



R.55



R.56



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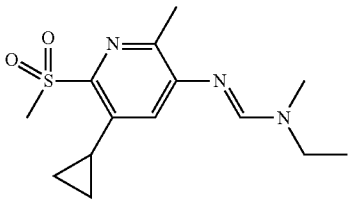
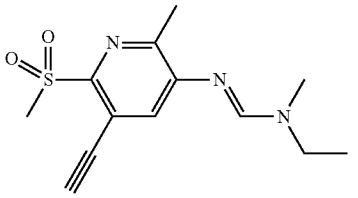
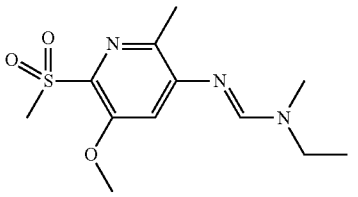
R.57



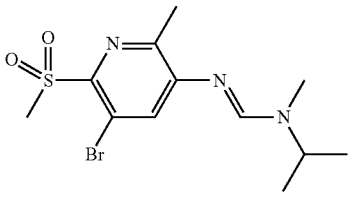
R.58



R.59



R.60



The active compounds of component B are known e.g. from the Pesticide Manual (British Crop Protection Council). N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide has the Chemical Abstracts Registry Number [1072957-71-1]. The compound of formula (II) has the Chemical Abstracts Registry Number [173662-97-0]. The compounds (S)-[3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)isoxazol-4-yl]pyridin-3-yl-methanol, 3-(4-Chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)isoxazol-4-yl]pyridin-3-yl-methanol are found in WO2010069881.

The active ingredient mixture of the compounds of formula I selected from tables T1 to T164 or a specific compound selected from P.1 to P.372 with active ingredients described above comprises a compound selected from tables T1 to T164 and an active ingredient as described above preferably in a mixing ratio of from 100:1 to 1:6000, especially from 50:1 to 1:500, more especially in a ratio of from 20:1 to 1:200, even more especially from 10:1 to 1:100, very especially from 5:1 and 1:50, special preference being given to a ratio of from 3:1 to 1:10, and a ratio of from 3:1 to 1:5 being likewise preferred, above all in a ratio of 1:1, or 5:1, or 5:2, or 5:3, or 5:4, or 4:1, or 4:2, or 4:3, or 3:1, or 3:2, or 2:1, or 1:5, or 2:5, or 3:5, or 4:5, or 1:4, or 2:4, or 3:4, or 1:3, or 2:3, or 1:2, or 1:600, or 1:300, or 1:150, or 1:35, or 2:35, or 4:35, or 1:75, or 2:75, or 4:75, or 1:6000, or 1:3000, or 1:1500, or 1:350, or 2:350, or 4:350, or 1:750, or 2:750, or 4:750. Those mixing ratios are understood to include, on the one hand, ratios by weight and also, on other hand, molar ratios.

The mixtures comprising a compound of formula I e.g. selected from tables T1 to T164 or a specific compound

selected from P.1 to P.372 and one or more active ingredients as described above can be applied, for example, in a single "ready-mix" form, in a combined spray mixture composed from separate formulations of the single active ingredient components, such as a "tank-mix", and in a combined use of the single active ingredients when applied in a sequential manner, i.e. one after the other with a reasonably short period, such as a few hours or days. The order of applying the compounds of formula I e.g. those selected from tables T1 to T164 and the active ingredients as described above is not essential for working the present invention.

A synergistic effect exists whenever the action of an active ingredient combination is greater than the sum of the actions of the individual components.

The action to be expected E for a given active ingredient combination obeys the so-called COLBY formula and can be calculated as follows (COLBY, S. R. "Calculating synergistic and antagonistic responses of herbicide combination". Weeds, Vol. 15, pages 20-22; 1967):

ppm=milligrams of active ingredient (=a.i.) per liter of spray mixture

X=% action by active ingredient A) using p ppm of active ingredient

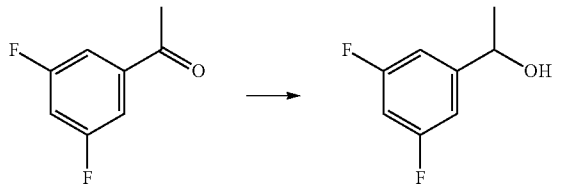
Y=% action by active ingredient B) using q ppm of active ingredient. According to COLBY, the expected (additive) action of active ingredients A)+B) using p+q ppm of active ingredient is

$$E = X + Y - \frac{X \cdot Y}{100}$$

If the action actually observed (O) is greater than the expected action (E), then the action of the combination is super-additive, i.e. there is a synergistic effect. In mathematical terms the synergism factor SF corresponds to O/E. In the agricultural practice an SF of ≥1.2 indicates significant improvement over the purely complementary addition of activities (expected activity), while an SF of ≤0.9 in the practical application routine signals a loss of activity compared to the expected activity.

EXAMPLES

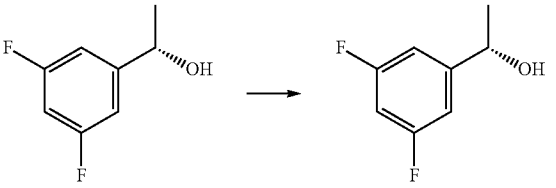
Preparation of 1-(3,5-difluorophenyl)ethanol



To a colorless stirred solution of $^{3',5'}$-difluoroacetophenone (50.00 g, 320.24 mmol) in methanol (320 mL), sodium borohydride (3.41 g, 86.47 mmol, 0.27 eq) was added portion wise over 20 minutes at room temperature under inert atmosphere (Ar). Then the reaction mixture was stirred for 45 min at room temperature and then quenched carefully by the addition of a saturated aqueous ammonium chloride solution (150 mL). The extraction was carried out with ethyl acetate (2×200 mL). The combined organic layers were washed with brine (200 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give the title compound (50.29 g, 99%) as a colorless oil. The alcohol was used as such in the subsequent step.

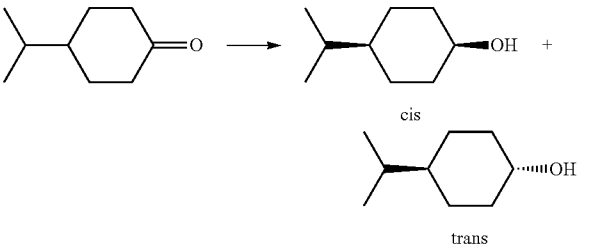
TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.27.

Preparation of (−)-(S)-1-(3,5-difluorophenyl)ethanol



To a stirred solution of (−)-DIP-Cl ((−)-diisopinocampheylboron chloride) (2.67 g, 8.33 mmol, 1.3 eq) in THF (20 mL) kept under inert atmosphere (Ar) and cooled to −27° C. to −25° C., $^{3',5'}$-difluoroacetophenone (1.00 g, 6.40 mmol) was added drop wise over 2 min. The reaction was maintained at this temperature for 17 h. The reaction mixture was then treated with acetaldehyde (0.44 mL, 7.69 mmol, 1.2 eq). Thereafter, the temperature was allowed to reach room temperature and the reaction mixture was stirred at for 7 h. The solvent was then removed in vacuo and the resulting residue was partitioned between water (10 mL) and TBME (tert-butyl-methyl ether) (20 mL). The aqueous phase was extracted again with TBME (20 mL). The organic layer was washed with an aqueous 2 N NaOH solution (20 mL), brine (20 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by two subsequent column chromatographic steps: First by normal phase chromatography (silica gel, heptane/ethyl acetate, v/v=1/0-9/1) followed by a reversed phase chromatography (90 C_{18}-silica gel, acetonitrile for the second one). This gave the title compound (0.40 g, 40%) as a colorless oil with a specific rotation of $[\alpha]^{25}_D$=−26.66 (c=1.054 g/100 mL, CH_2Cl_2, 589 nm).

Preparation of cis and trans 4-isopropylcyclohexanol

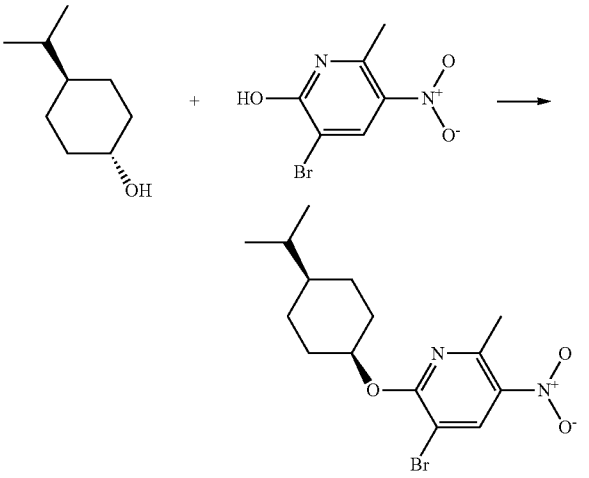


To a stirred solution of 4-isopropylcyclohexanone (10.00 g, 68.46 mmol) in tert-butyl methyl ether (136 mL) cooled to 7° C. (cooling bath with a cyclohexane/liquid nitrogen slurry), a 1.00 M solution of lithium aluminium hydride in THF (23 mL, 22.59 mmol, 0.33 eq) was added drop wise over 35 minutes while keeping the temperature in the range of 7 to 10° C. Stirring was continued under these conditions. The reaction mixture was then allowed to reach room temperature and stirred at this temperature for an additional 40 minutes. It

was then carefully quenched by the slow addition of water (20 mL), followed by a one molar aqueous sulfuric acid solution (60 mL). The extraction was carried out with tert-butyl methyl ether (2×50 mL). The organic layer was washed with a saturated aqueous Na_2CO_3 solution (80 mL), brine (80 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by column chromatography (silica gel, heptane/ethyl acetate, v/v=1/0–9/1). Fractions containing the pure compounds were collected and concentrated in vacuo to give pure trans (6.91 g, 71%) and the pure cis isomer (0.68 g, 5%) of 4-isopropylcyclohexanol both as colourless oils.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, detection by spraying with Mo—Ce reagent, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of cis 4-isopropylcyclohexanol=0.20); R_f of trans 4-isopropylcyclohexanol=0.15.

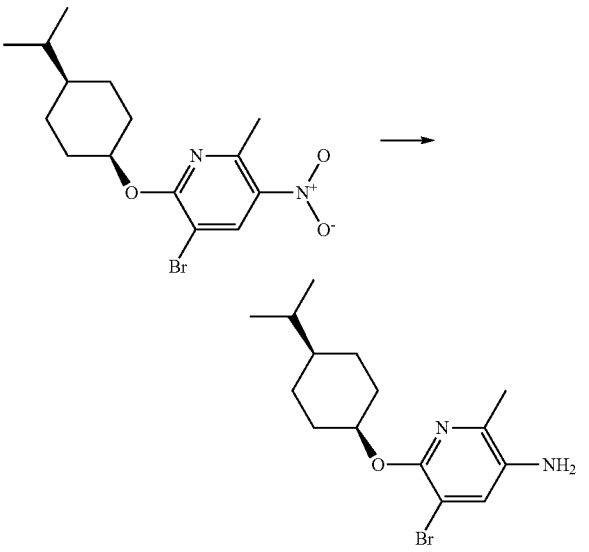
Preparation of 3-bromo-2-(cis-4-isopropylcyclohexoxy)-6-methyl-5-nitro-pyridine



To a stirred suspension of 3-bromo-6-methyl-5-nitro-pyridin-2-ol (23.65 g, 101.5 mmol) in THF (180 mL), trans isopropylcyclohexanol (14.44 g, 101.5 mmol, 1.0 eq) and triphenylphosphine (32.27 g, 121.8 mmol, 1.2 eq) were added at room temperature under inert atmosphere (Ar). To this mixture, DIAD (diisopropyl diazodicarboxylate) (25.51 mL, 121.8 mmol, 1.2 eq) was added drop wise over 45 min while keeping the temperature below 45° C. Then, the reaction mixture was stirred for 5 h under heating to reflux. TLC indicated that the starting material was consumed. The reaction mixture was therefore allowed to reach room temperature and it was quenched by the addition of water (250 mL). The extraction was carried out with ethyl acetate (3×200 mL). The organic layer was washed with brine (300 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by column chromatography (silica gel, heptane/ethyl acetate, v/v=1/0-98/2). Fractions containing the pure compound were collected and concentrated in vacuo to give title compound (22.59 g, 62%) in the form of an oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.64.

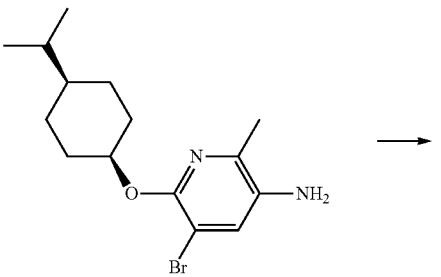
Preparation of 5-bromo-6-(cis-4-isopropylcyclohexoxy)-2-methyl-pyridin-3-amine



To a stirred solution of 3-bromo-2-(cis-4-isopropylcyclohexoxy)-6-methyl-5-nitro-pyridine (22.59 g, 63.24 mmol) in EtOH/H_2O (600 mL/150 mL, 4/1 v/v), ammonium chloride (3.45 g, 63.24 mmol, 1.0 eq) and iron powder (14.27 g, 253.0 mmol, 4 eq) were added at room temperature under inert atmosphere (Ar). The reaction mixture was stirred for 3 h under heating to reflux. As TLC indicated that the starting material was consumed at this point in time, the reaction mixture was cooled to room temperature and filtered through a pad of celite. The resulting filtrate was concentrated in vacuo and the residue partitioned between a 2 molar aqueous NaOH solution (100 mL) and ethyl acetate (150 mL). After phase separation, the aqueous phase was extracted once more with ethyl acetate (2×100 mL). The organic layer was washed with brine (400 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to afford the title compound (21.01 g, 101%) in the form of an oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.19.

Preparation of N'-[5-bromo-6-(cis-4-isopropylcyclohexoxy)-2-methyl-3-pyridyl]-N-ethyl-N-methyl formamidine



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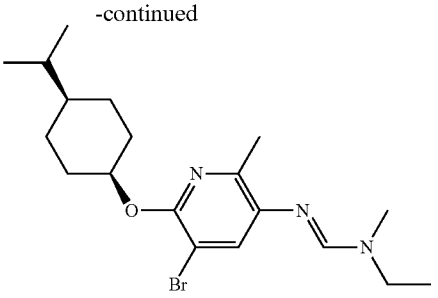
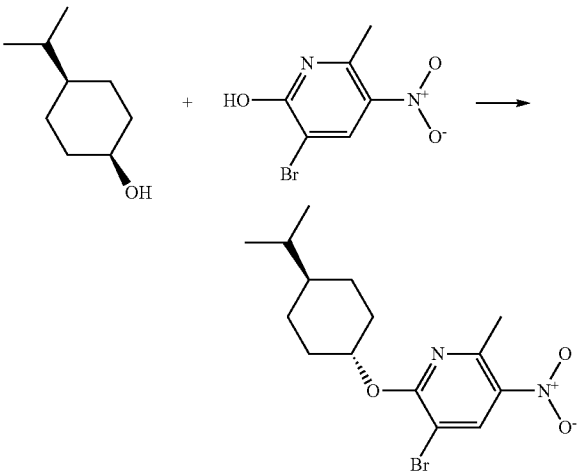


The Vilsmeier reagent was freshly prepared by the slow addition of phosphorus oxychloride (7.09 mL, 75.89 mmol, 1.2 eq) to a solution of N,N-ethylmethylformamide (6.61 g, 75.89 mmol, 1.2 eq) in dichloromethane (75 mL) at room temperature. After the addition was complete, the reaction mixture was stirred at room temperature for 1 h. The Vilsmeier reagent was then added drop wise over 40 min to a solution of 5-bromo-6-(cis-4-isopropylcyclohexoxy)-2-methyl-pyridin-3-amine (20.70 g, 63.24 mmol) in dichloromethane (225 mL) at room temperature under inert atmosphere (Ar). Stirring was continued for 1.5 h at room temperature. The reaction mixture was then quenched by the addition of water (100 mL) and the pH was adjusted to 14 by the addition of a 2.0 molar aqueous NaOH solution (80 mL). The phases were separated and the aqueous phase extracted with dichloromethane (2×100 mL). The organic layer was washed with brine (250 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by column chromatography (silica gel, heptane/ethyl acetate, v/v=1/0-4/1). Fractions containing the pure compound were collected and concentrated in vacuo to give the title compound (20.23 g, 81%) as a yellow oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.29.

^1H NMR (400 MHz, $CDCl_3$): δ (ppm)=7.45-7.30 (broad s, 1H), 7.23 (s, 1H), 5.32-5.28 (m, 1H), 3.55-3.24 (broad s, 2H), 2.98 (s, 3H), 2.35 (s, 3H), 2.04-2.01 (m, 2H), 1.63-1.46 (m, 7H), 1.20 (t, 3H), 1.18-1.10 (m, 1H), 0.91-0.89 (d, 6H).

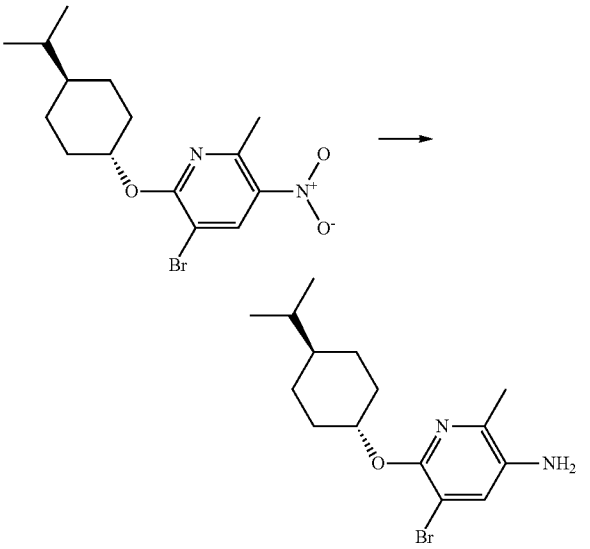
Preparation of 3-bromo-2-(trans-4-isopropylcyclohexoxy)-6-methyl-5-nitro-pyridine



To a stirred suspension of 3-bromo-6-methyl-5-nitro-pyridin-2-ol (2.00 g, 8.58 mmol) in THF (8.6 mL), cis isopropylcyclohexanol (1.44 g, 8.58 mmol, 1.0 eq) and triphenylphosphine (2.73 g, 10.30 mmol, 1.2 eq) were added at room temperature under inert atmosphere (Ar). To this mixture, DIAD (diisopropyl diazodicarboxylate) (2.16 mL, 10.30 mmol, 1.2 eq) was added drop wise over 10 minutes while keeping the temperature below 40° C. The reaction mixture was stirred for 1.5 h under heating to. After this point in time, TLC indicted consumption of the starting material and the reaction mixture was allowed to reach room temperature and was quenched by adding water (20 mL). The water phase was extracted with ethyl acetate (3×20 mL). The organic layer was washed with brine (35 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by column chromatography (silica gel, heptane/ethyl acetate, v/v=1/0-9/1). Fractions containing the pure compound were collected and concentrated in vacuo to give the title compound (0.94 g, 30%) as an oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.65.

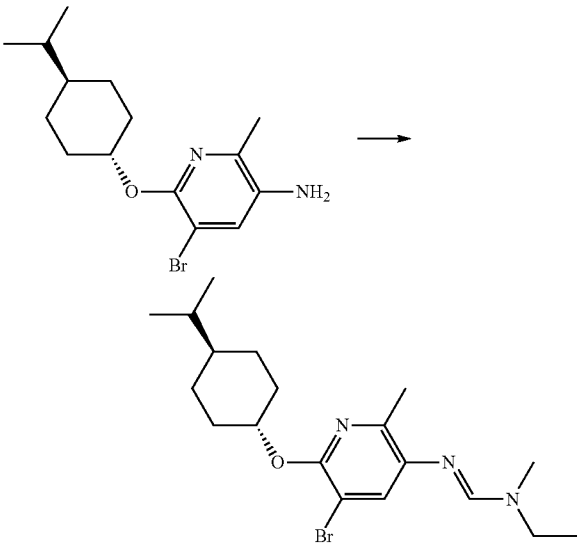
Preparation of 5-bromo-6-(trans-4-isopropylcyclohexoxy)-2-methyl-pyridin-3-amine



To a stirred solution of 3-bromo-2-(trans-4-isopropylcyclohexoxy)-6-methyl-5-nitro-pyridine (0.917 g, 2.00 mmol) in EtOH/H_2O (24 mL/6 mL, 4/1 v/v), ammonium chloride (0.109 g, 2.00 mmol, 1.0 eq) and iron powder (0.452 g, 8.00 mmol, 4 eq) were added at room temperature under inert atmosphere (Ar). The reaction mixture was stirred under heating to reflux for 3 h. At this point in time, TLC indicated that the starting material was consumed. Therefore, the reaction mixture was allowed to reach room temperature and was filtered through a pad of celite. The filtrate was concentrated under reduced pressure and the residue partitioned between a 2 molar aqueous NaOH solution (20 mL) and ethyl acetate (30 mL). The phases were separated and the aqueous phase extracted with ethyl acetate (2×20 mL). The organic layer was washed with brine (40 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to afford the title compound (0.658 g, 100%) as an oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.19.

Preparation of 5-bromo-6-(trans-4-isopropylcyclohexoxy)-2-methyl-pyridin-3-amine

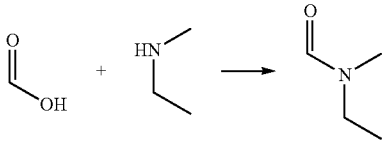


The Vilsmeier reagent was freshly prepared by the slow addition of phosphorus oxychloride (0.101 mL, 1.08 mmol, 1.2 eq) to a solution of N,N-ethylmethylformamide (0.094 g, 1.08 mmol, 1.2 eq) in dichloromethane (0.5 mL) at room temperature. After the addition was complete, the reaction mixture was stirred at room temperature for 1 h. Then the Vilsmeier reagent thus obtained was added drop wise to a solution of 5-bromo-6-(trans-4-isopropylcyclohexoxy)-2-methyl-pyridin-3-amine (0.295 g, 0.90 mmol) in dichloromethane (1.0 mL) at room temperature under inert atmosphere (Ar). Stirring was continued was for 1.5 h at room temperature. The reaction was then quenched by the addition of a 2 molar aqueous NaOH solution (5 mL). The phases were separated and the aqueous phase extracted with dichlormethane (2×10 mL). The organic layer was washed with brine (10 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a residue, which was purified by column chromatography (silica gel, heptane/ethyl acetate, v/v=1/0-4/1). Fractions containing the pure compound were collected and concentrated in vacuo to give the title compound (0.191 g, 54%) as a light yellow oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.29.

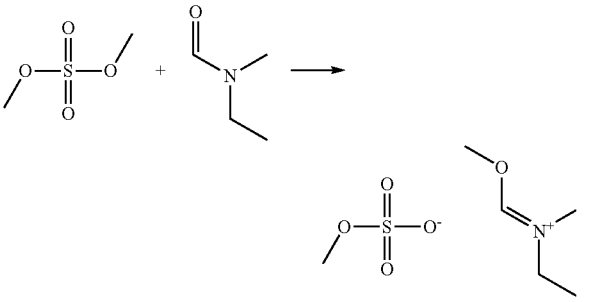
^{1}H NMR (400 MHz, $CDCl_3$): δ (ppm)=7.45-7.30 (broad s, 1H), 7.22 (s, 1H), 4.93-4.85 (m, 1H), 3.55-3.22 (broad s, 2H), 2.98 (s, 3H), 2.35 (s, 3H), 2.19-2.15 (m, 2H), 1.80-1.77 (m, 2H), 1.50-1.09 (m, 5H), 1.28 (t, 3H), 0.88-0.86 (d, 6H).

Preparation of N-Ethyl-N-methyl-formamide



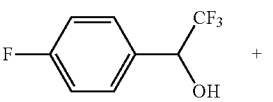
113 g (1.912 mol) of ethylmethylamine was dissolved in 500 mL of dry toluene. 75.86 mL of formic acid (92.2 g, 2.01 mol) was added drop-wise over 20 minutes. Hereby, an exothermic reaction was observed. The temperature was kept below 35° C. by cooling with an ice-water cooling bath. The turbid solution was stirred under heating to reflux (bath temperature of 175° C.) and the water removed using a Dean and Stark separator. 46 mL of water phase was thus separated. This water phase was extracted with 50 mL of ethyl acetate. And this ethyl acetate solution was added to the reaction mixture, after this one was allowed to reach room temperature. After evaporation of the solvent, the resulting liquid was subjected to a fractionating column distillation (Widmer column) at 80 mbar. 138 g of a colourless liquid of bp=95-96° C. was collected. As this material was contaminated with formic acid, the liquid was taken up in 1.0 L of ethyl acetate and kept over K_2CO_3 (occasional stirring, 24 h overall). The solution was then filtered and washed with water and the organic phase was again subjected to the distillation procedure mentioned before. This gave 130.4 g of the title compound as a liquid (bp=95-96° C., 80 mbar).

Preparation of methoxyethylmethyl-methanaminium methyl sulfate



128 g of N-ethyl-N-methyl-formamide was added slowly to 139 mL (185 g, 1.469 mol) of dimethyl sulfate (the dimethyl sulfate used was freshly distilled in vacuo after having been tried over K_2CO_3). The colourless solution was warmed under stirring to 50° C. whereupon an exothermic reaction was starting up. The heating bath was removed and the reaction mixture reached a temperature of 86° C. After the exothermicity came to an end, the reaction mixture was stirred at a temperature of 80° C. for an additional 3 hours. Thereafter, the reaction mixture was allowed to reach room temperature. The resulting liquid was then shaken in a separatory funnel first with 100 mL of toluene and, after phase separation, with 100 mL of diethyl ether. Traces of solvents were removed in vacuo (rotovapor) to give 294 g of the title compound in the form of a colourless liquid. The compound was used as such in the subsequent step.

Preparation of 5-Bromo-2-methyl-3-nitro-6-[2,2,2-trifluoro-1-(4-fluorophenyl)ethoxy]pyridine



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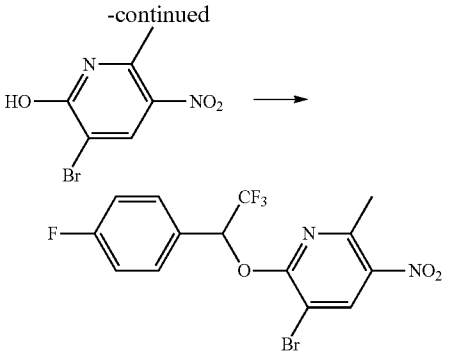
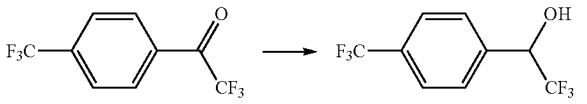


To a stirred suspension of 3-bromo-6-methyl-5-nitro-pyridin-2-ol (0.10 g, 0.43 mmol) in THF (3 mL), 2,2,2-trifluoro-1-(4-fluorophenyl)ethanol (0.13 g, 0.64 mmol, 1.5 equiv) and triphenylphosphine (0.17 g, 0.64 mmol, 1.5 eq) were added at room temperature under inert atmosphere (Ar). To this mixture, DIAD (diisopropyl diazodicarboxylate) (0.13 mL, 0.64 mmol, 1.5 eq) was added dropwise over 10 minutes while keeping the temperature below 40° C. The reaction mixture was stirred for 6 h under heating at 60° C. After this time, TLC indicted that the starting material had been consumed and the reaction mixture was allowed to reach room temperature before quenching with water (10 mL). The water phase was extracted with ethyl acetate (3×15 mL). The organic layer was washed with brine (20 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a brown residue, which was purified by combiflash column chromatography (silica gel, heptane/ethyl acetate, v/v=95/5). Fractions containing the pure compound were collected and concentrated in vacuo to give the title compound (0.11 g, 62% yield) as a yellow oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 4:1 (v/v); R_f of the title compound=0.65.

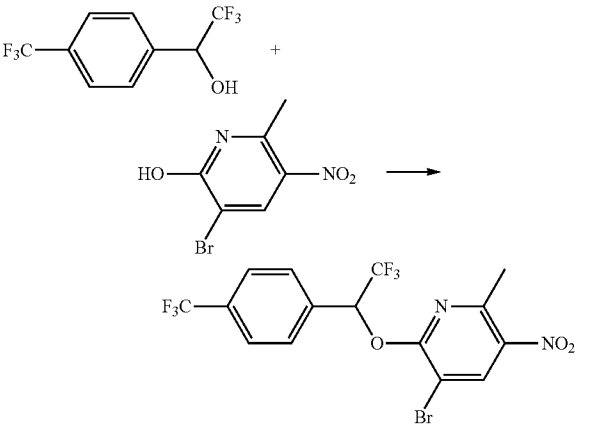
Preparation of 2,2,2-Trifluoro-1-[4-(trifluoromethyl) phenyl]ethanol



In a 50 mL two-neck flask, 2,2,2-trifluoro-1-[4-(trifluoromethyl)phenyl]ethanone (2.0 g, 8.3 mmol) was dissolved in methanol (8 mL) and sodium borohydride (0.31 g, 8.3 mmol) was added carefully in portions with ice-bath cooling. The resultant colourless solution was stirred at RT for 2 hours and monitored by TLC. Upon the disappearance of all starting material, 5 mL of an aqueous saturated NH_4Cl solution was slowly added to the reaction mixture with additional stirring for 10 min. The later was extracted 3 times with 20 mL of EtOAc and the organic fractions were combined and washed with 10 mL of brine, dried over Na_2SO_4, and filtered. The solvent was removed under reduced pressure to give 2,2,2-trifluoro-1-[4-(trifluoromethyl)phenyl]ethanol (2.13 g, quantitative) as a colourless oil which was used with no further purification.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 2:1 (v/v); R_f of the title compound=0.50.

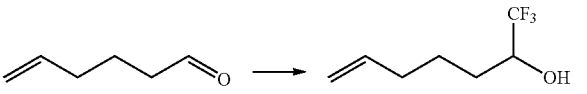
Preparation of 5-Bromo-2-methyl-3-nitro-6-[2,2,2-trifluoro-1-[4-(trifluoromethyl)phenyl]ethoxy]pyridine



To a stirring suspension of 3-bromo-6-methyl-5-nitro-pyridin-2-ol (0.25 g, 1.07 mmol) in THF (7 mL), 2,2,2-trifluoro-1-[4-(trifluoromethyl)phenyl]ethanol (0.39 g, 1.61 mmol, 1.5 equiv) and triphenylphosphine (0.42 g, 1.61 mmol, 1.5 eq) were added at room temperature under inert atmosphere (Ar). To this mixture, DIAD (diisopropyl diazodicarboxylate) (0.33 mL, 1.61 mmol, 1.5 eq) was added dropwise over 10 minutes while keeping the temperature below 40° C. The reaction mixture was stirred for 6 h under heating at 60° C. After this time, TLC indicted that the starting material was consumed and the reaction mixture was allowed to reach room temperature before quenching with water (10 mL). The water phase was extracted with ethyl acetate (2×50 mL). The organic layer was washed with brine (20 mL), dried over anhydrous Na_2SO_4 and filtered. The solvent was removed in vacuo to give a brown residue, which was purified by combiflash column chromatography (silica gel, heptane/ethyl acetate, v/v=95/5). Fractions containing the pure compound were collected and concentrated in vacuo to give the title compound (0.18 g, 41% yield) as a yellow oil.

TLC: Plates: Merck TLC-Plates, silica gel F_{254}, saturated atmosphere in developing tank, UV detection, eluent: heptanes/ethyl acetate 2:1 (v/v); R_f of the title compound=0.74.

Preparation of 1,1,1-Trifluorohept-6-en-2-ol



To a ice-bath cooled solution of hex-5-enal (500 mg, 4.331 mmol) and trimethyl(trifluoromethyl)silane (0.74 g, 5.13 mmol, 1.2 equiv.) in THF (10 mL) was added tetrabutylammonium hydrofluoride (10 mg, 0.04 mmol). The ice bath was removed and the reaction progress was monitored via GCMS and 1H NMR. Upon complete transformation of the starting material the reaction mixture was treated with 2M HCl and

stirred for an additional 2 h. Then, 50 mL of Et_2O was introduced and the layers were separated. The aqueous fraction was additionally extracted with Et_2O and the combined organic phases were washed sequentially with a saturated aqueous $NaHCO_3$ solution, water, and brine. After drying with $MgSO_4$ and filtration the solvent was removed under reduced pressure and the resultant crude residue was purified by column chromatography (silica gel, pentane/Et_2O, v/v=8/2). Fractions containing the pure compound were collected and concentrated in vacuo to give 1,1,1-trifluorohept-6-en-2-ol (225 mg, 31% yield) as a yellow oil.

Using techniques analogous to those above and further techniques known to the person skilled in the art, for example as found in WO 08/101,682, the compounds found in Table Q were prepared.

TABLE Q

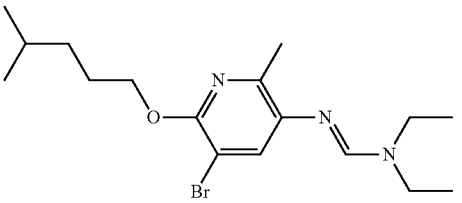
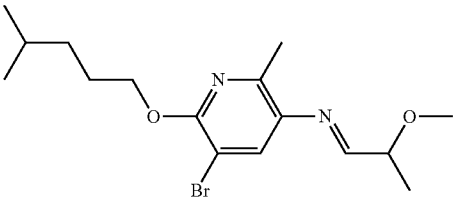
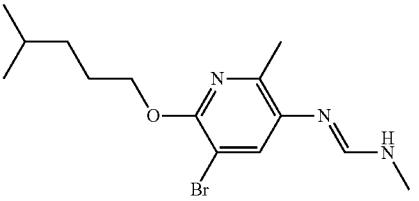
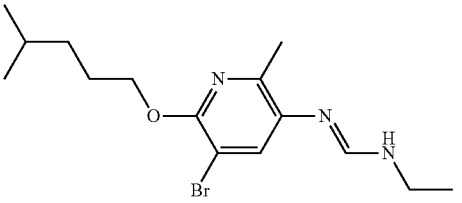
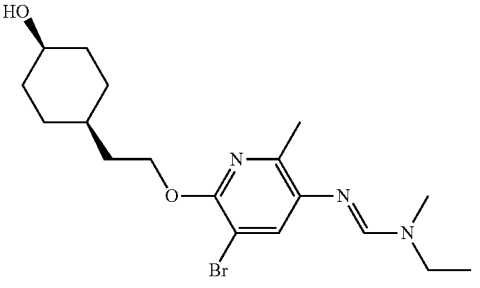
		LC-Method: R_t (min); MS-ESI (m/z; $(M+H)^+$)
Q.001		Method 4: 1.42 min; 370
Q.002		Method 4: . 1.46 min; 358
Q.003		Method 4: 1.30 min; 328
Q.004		Method 4: 1.33 min; 342
Q.005		Method 4: 1.17 min; 398

TABLE Q-continued

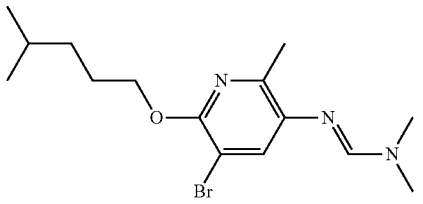
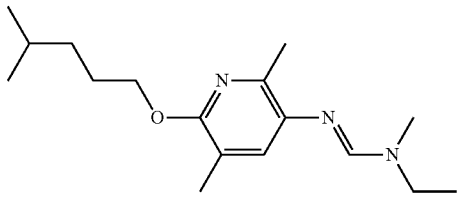
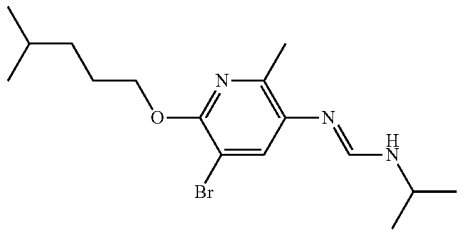
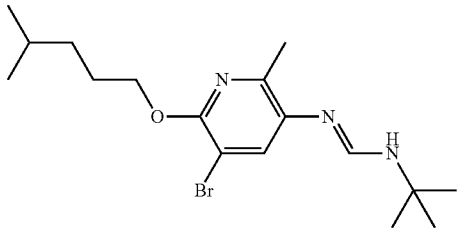
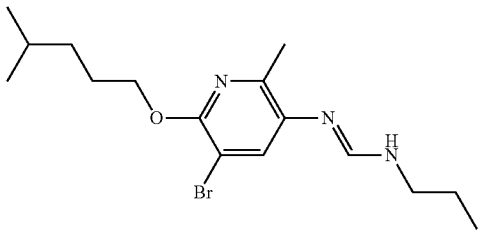
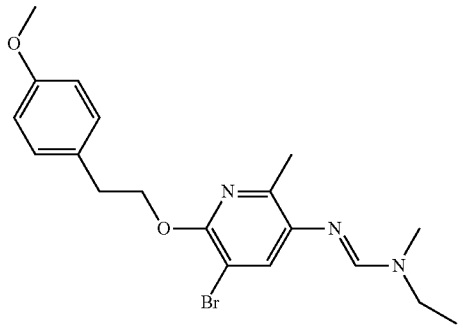
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.006		Gum
Q.007		Method 4: 1.32 min; 292
Q.008		Method 4: 1.39 min; 356
Q.009		Mp 72-73° C.
Q.010		Method 4: 1.42 min; 356
Q.011		Gum

TABLE Q-continued

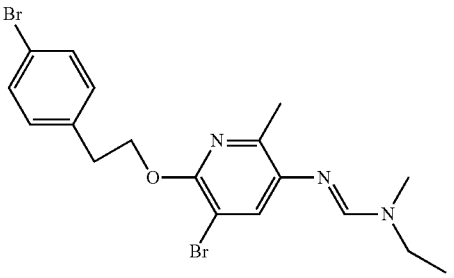
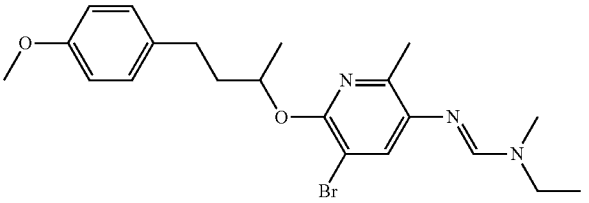
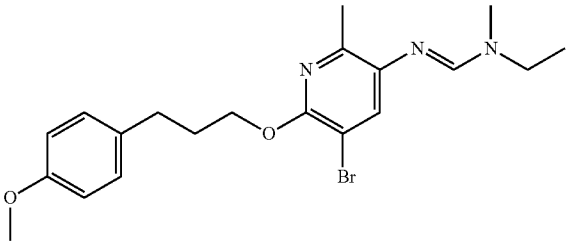
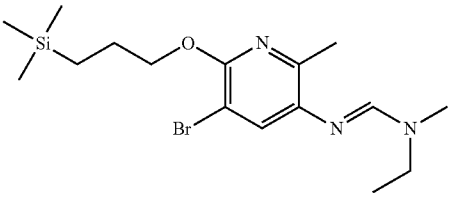
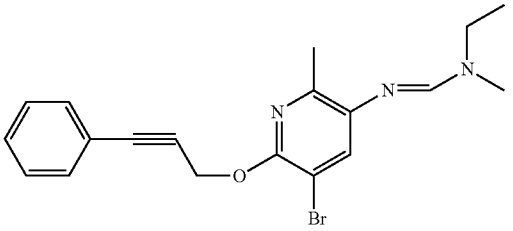
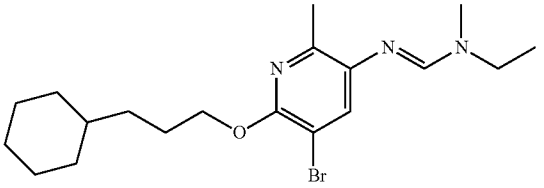
		LC-Method: R_t (min); MS-ESI (m/z; $(M+H)^+$)
Q.012		Gum
Q.013		Gum
Q.014		Gum
Q.015		Gum
Q.016		Gum
Q.017		Gum

TABLE Q-continued

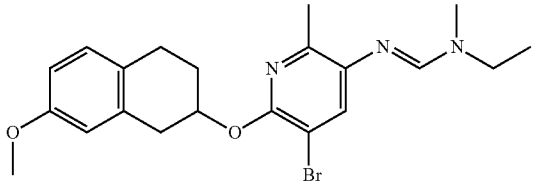
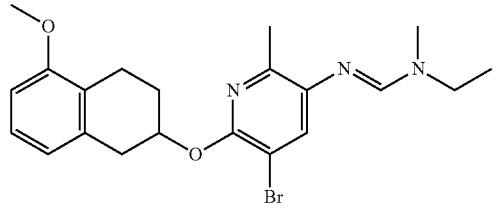
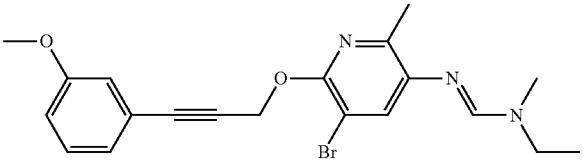
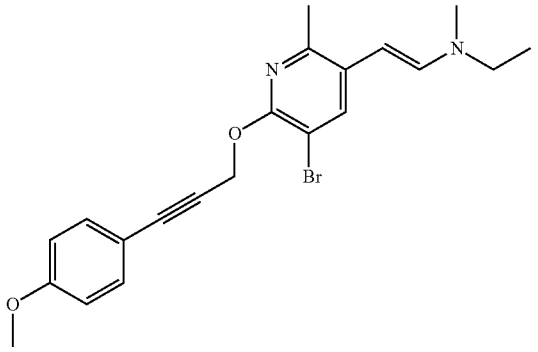
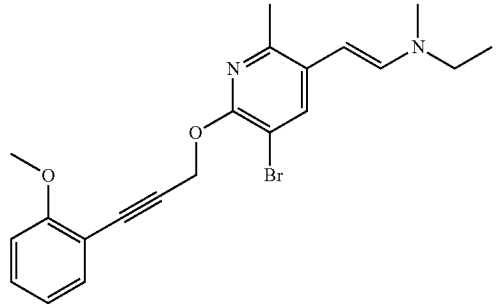
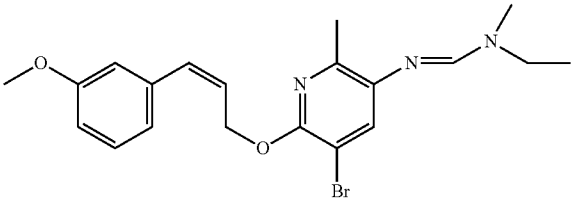
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.018		Gum
Q.019		Gum
Q.020		Gum
Q.021		Gum
Q.022		Gum
Q.023		Gum

TABLE Q-continued

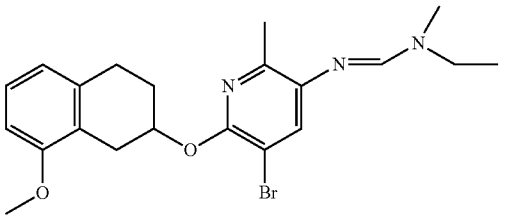
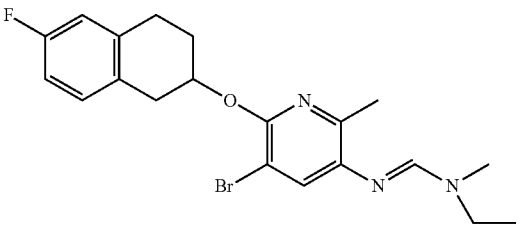
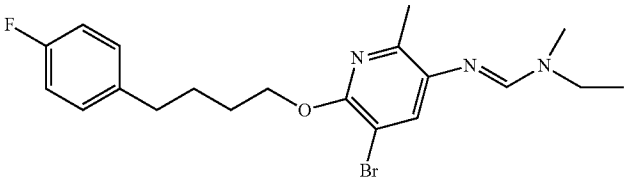
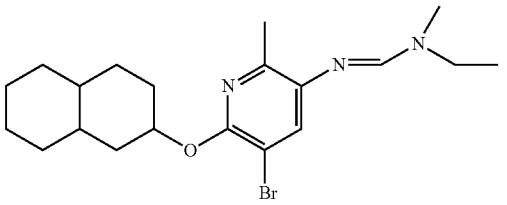
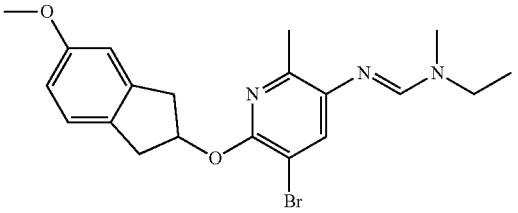
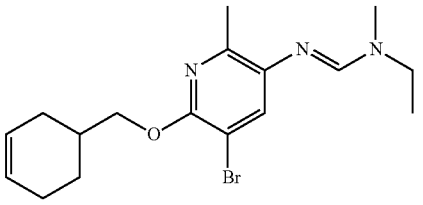
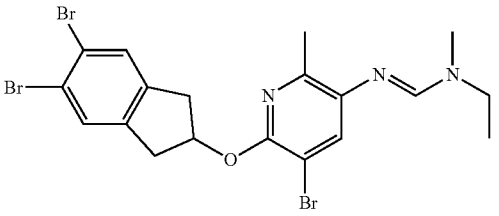
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.024		Gum
Q.025		Gum
Q.026		Gum
Q.027		Gum
Q.028		Method 4: 1.32 min; 418
Q.029		Liquid
Q.030		Method 4: 1.53 min; 544

TABLE Q-continued

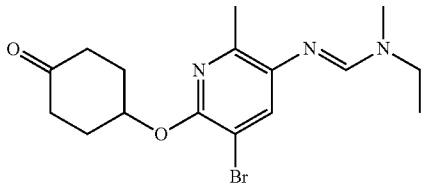
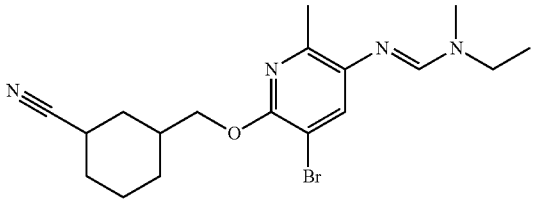
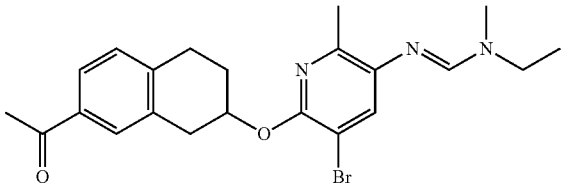
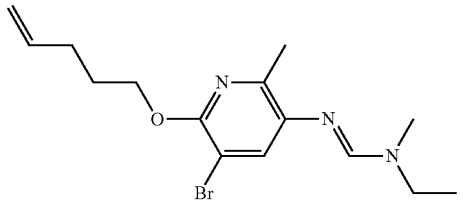
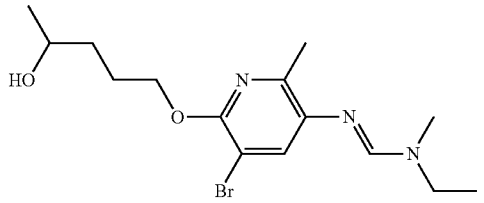
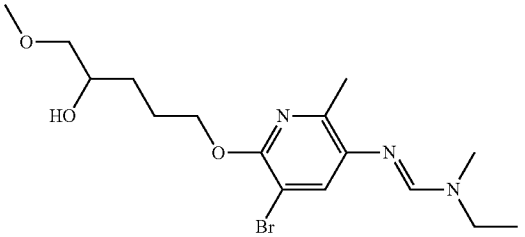
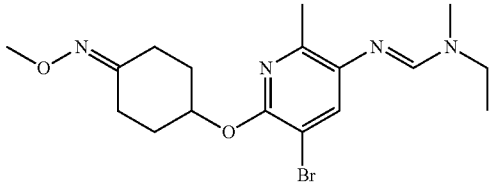
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.031		Gum
Q.032		Liquid
Q.033		Method 4: 1.31 min; 444
Q.034		Method 4: 1.22 min; 340
Q.035		Method 4: 0.99 min; 358
Q.036		Method 4: 0.98 min; 388
Q.037		Solid

TABLE Q-continued

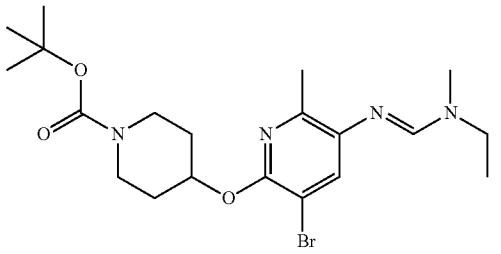
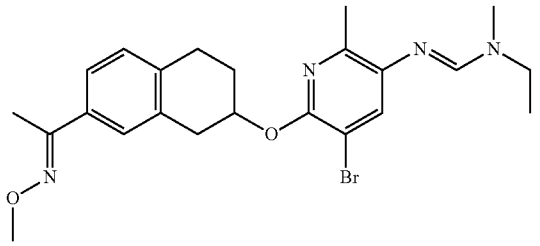
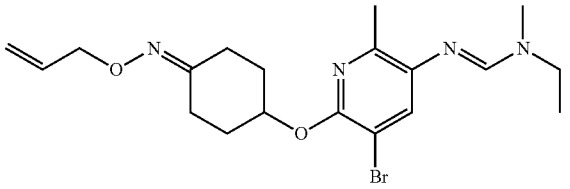
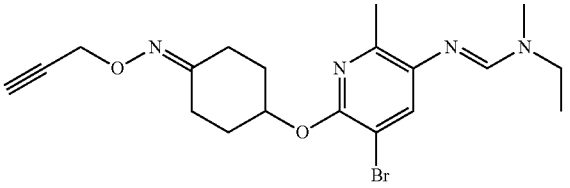
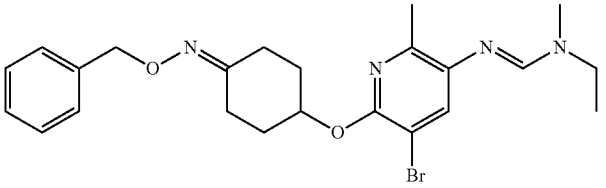
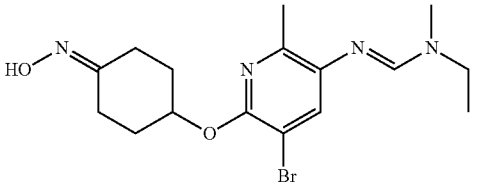
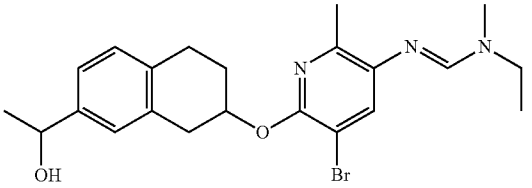
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.038		Liquid
Q.039		Method 4: 1.48 min; 473
Q.040		Liquid
Q.041		Liquid
Q.042		Liquid
Q.043		Liquid
Q.044		Method 4: 1.28 min; 446

TABLE Q-continued

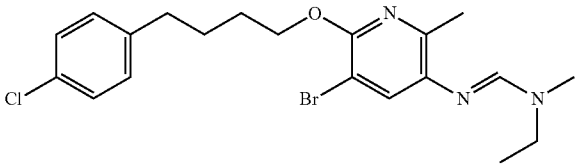
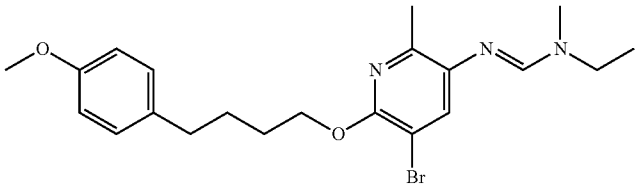
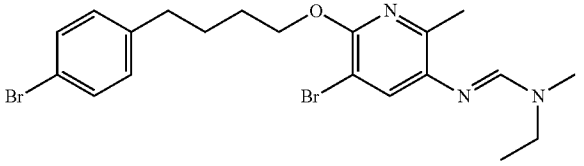
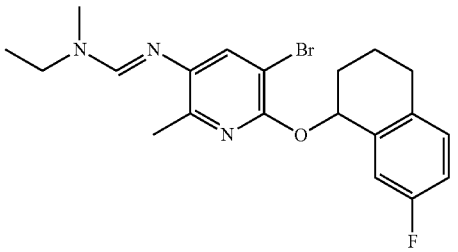
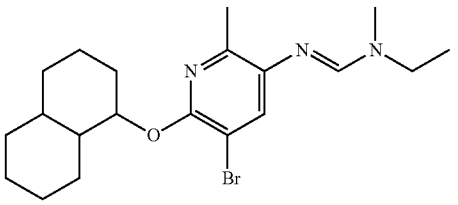
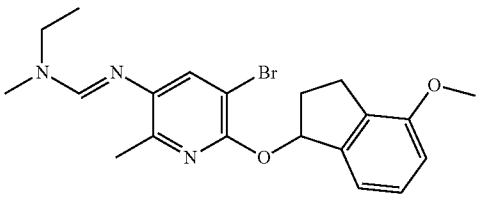
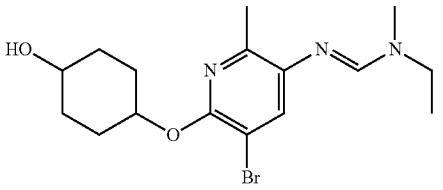
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.045		Gum
Q.046		Gum
Q.047		Gum
Q.048		Gum
Q.049		Gum
Q.050		Gum
Q.051		Liquid

TABLE Q-continued

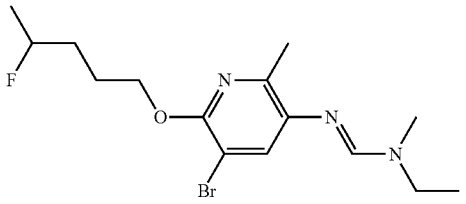
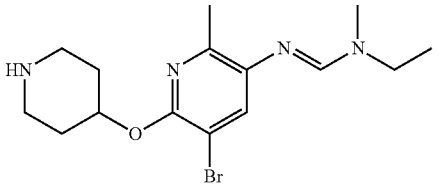
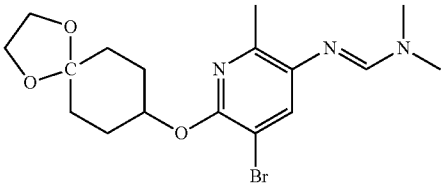
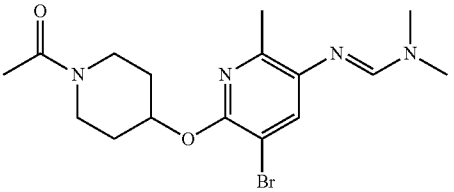
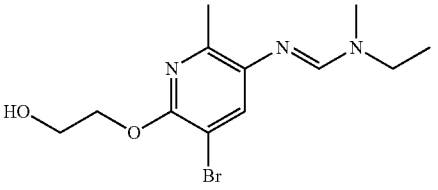
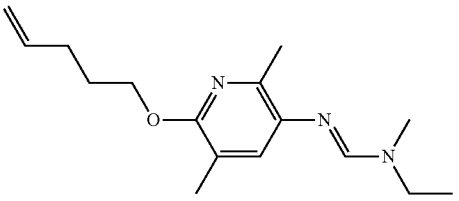
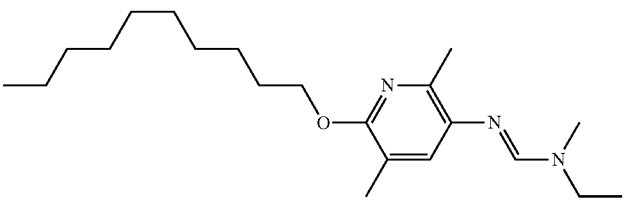
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.052		Method 4: 1.18 min; 360
Q.053		Liquid
Q.054		Liquid
Q.055		Liquid
Q.056		Solid
Q.057		Method 4: 1.19 min; 276
Q.058		Method 4: 1.64 min; 348

TABLE Q-continued

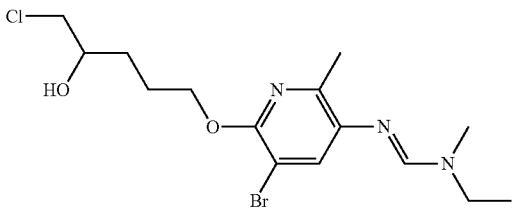
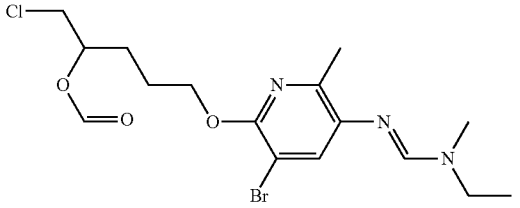
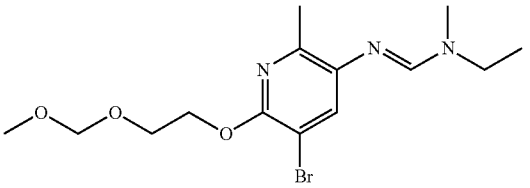
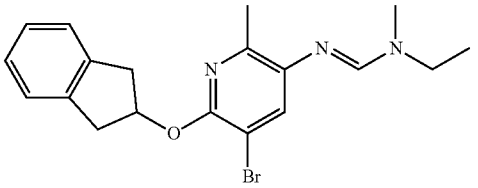
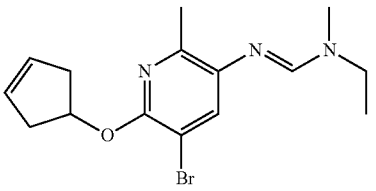
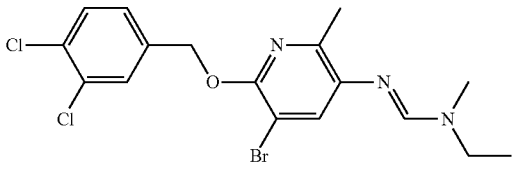
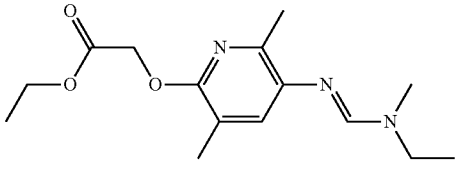
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.059		Method 4: 1.00 min; 392
Q.060		Method 4: 1.16 min; 420
Q.061		Liquid
Q.062		Method 4: 1.34 min; 388
Q.063		Method 4: 1.16 min; 338
Q.064		Mp 77-78° C.
Q.065		Liquid

TABLE Q-continued

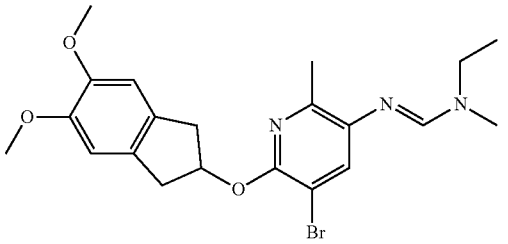
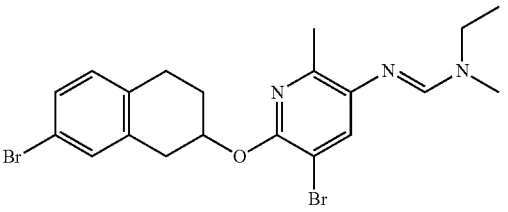
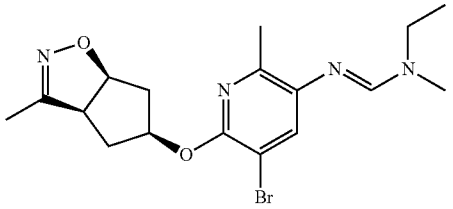
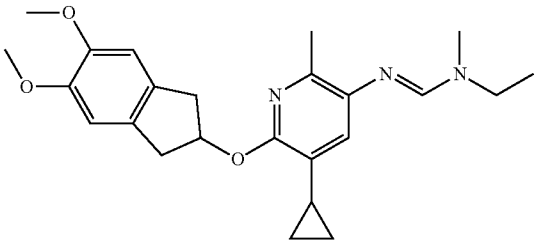
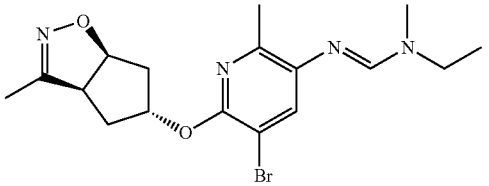
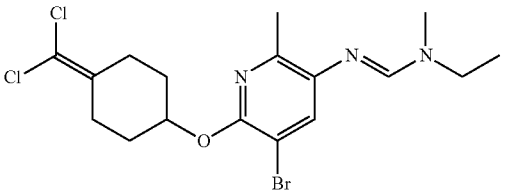
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.066		Liquid
Q.067		Liquid
Q.068		Solid
Q.069		Method 4: 1.30 min; 410
Q.070		Liquid
Q.071		Gum

TABLE Q-continued

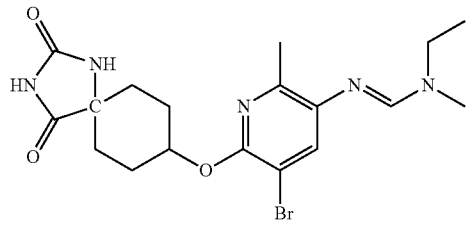
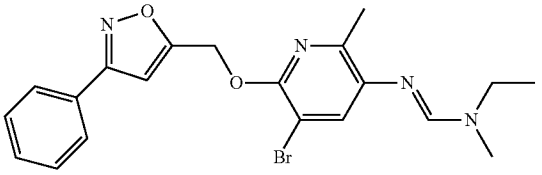
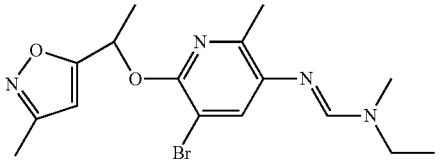
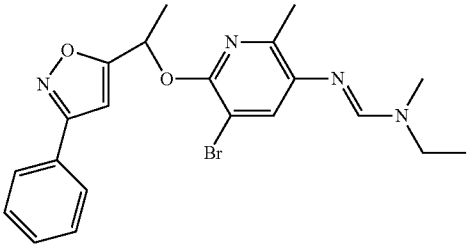
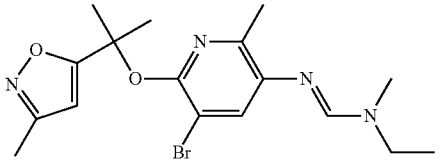
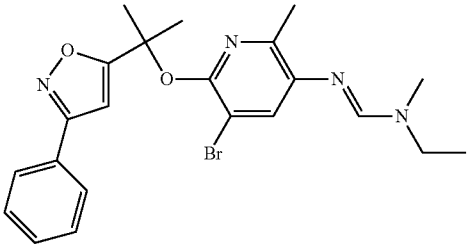
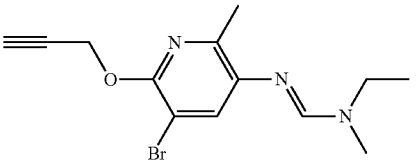
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.072		Solid
Q.073		Solid
Q.074		Liquid
Q.075		Liquid
Q.076		Liquid
Q.077		Liquid
Q.078		Liquid

TABLE Q-continued

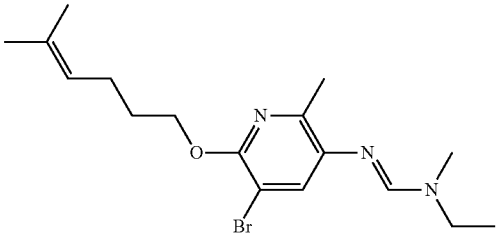
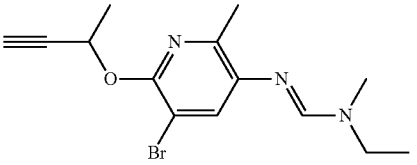
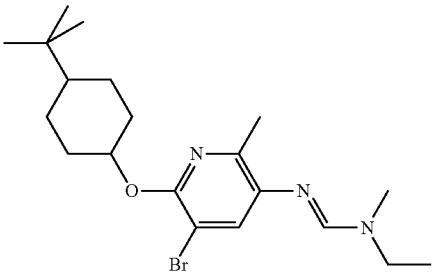
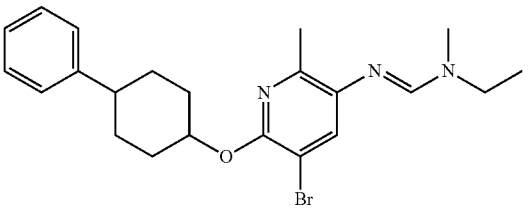
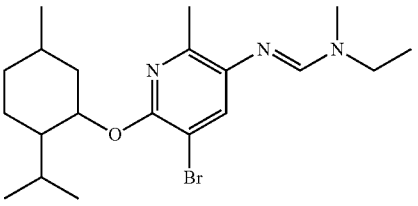
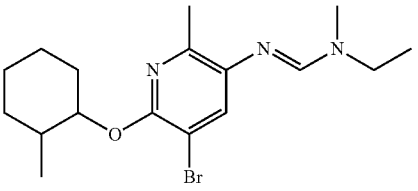
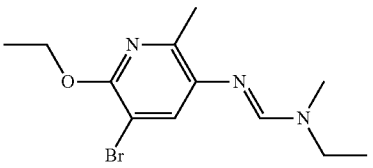
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.079		Method 4: 1.39 min; 368
Q.080		Liquid
Q.081		Liquid
Q.082		Liquid
Q.083		Liquid
Q.84		Liquid
Q.085		Gum

TABLE Q-continued

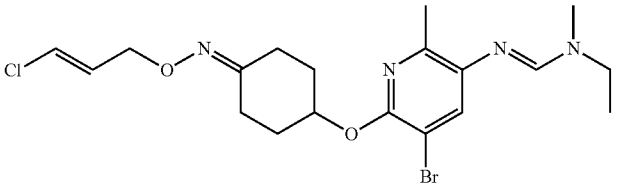
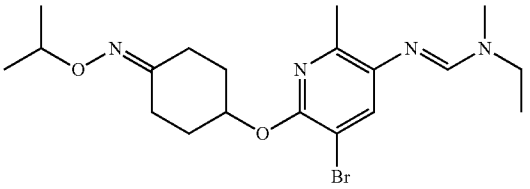
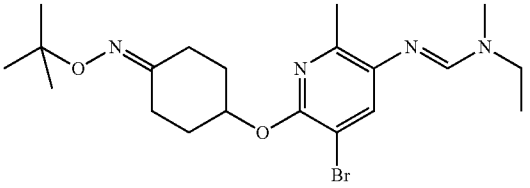
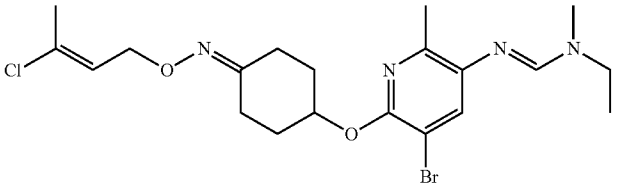
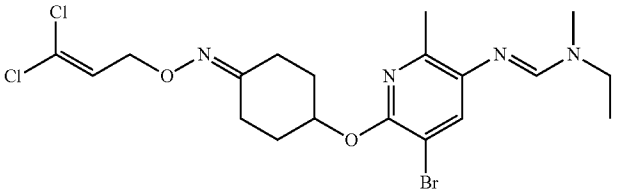
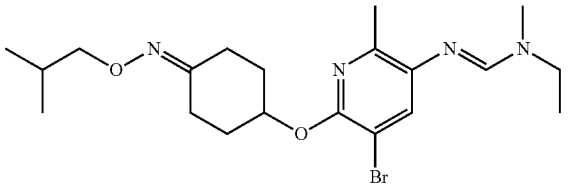
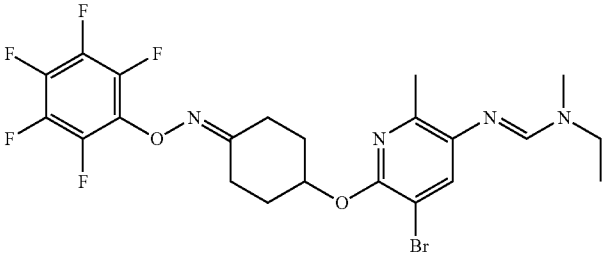
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.086		Liquid
Q.087		Liquid
Q.088		Liquid
Q.089		Liquid
Q.090		Liquid
Q.091		Liquid
Q.092		Liquid

TABLE Q-continued

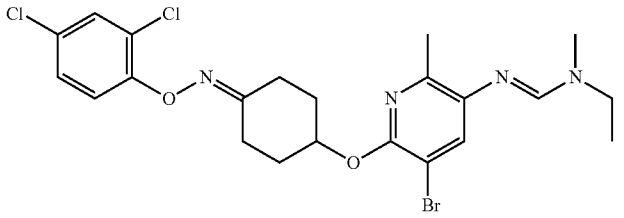
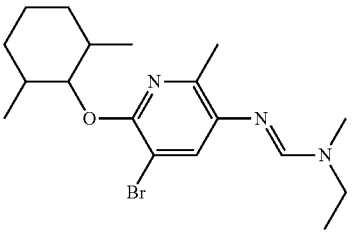
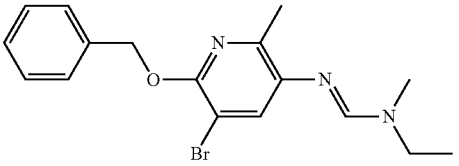
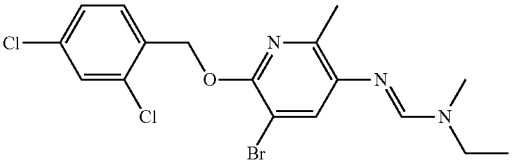
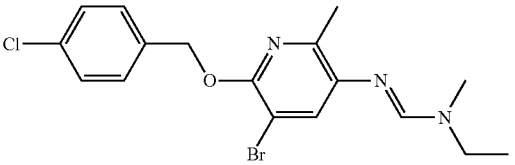
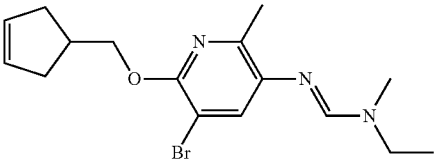
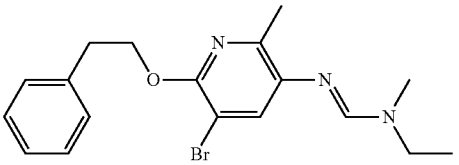
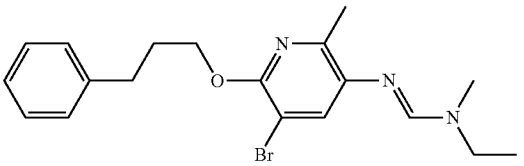
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.093		Gum
Q.094		Liquid
Q.095		Method 1: 13.577 min; 362
Q.096		Mp 81-82° C.
Q.097		Method 2: 11.956 min; 398
Q.098		Method 1: 11.773 min; 352
Q.099		Method 1: 11.755 min; 376
Q.100		Method 1: 12.320 min; 390

TABLE Q-continued

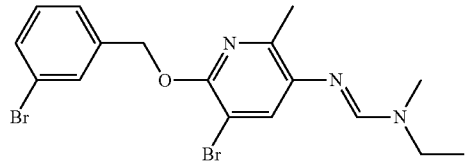
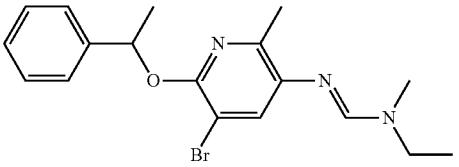
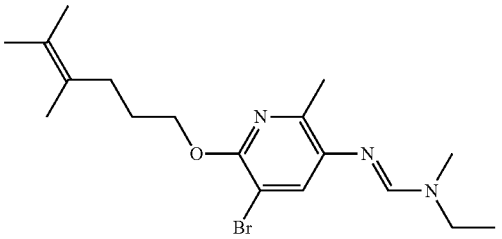
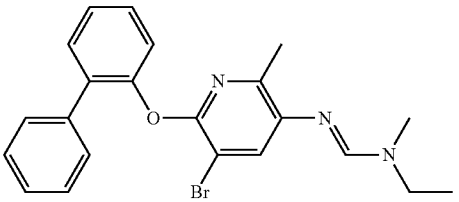
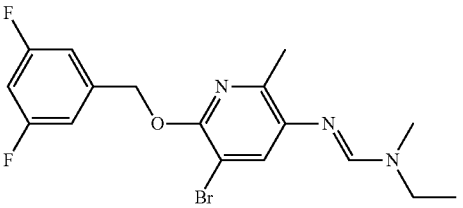
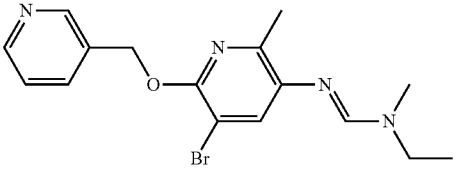
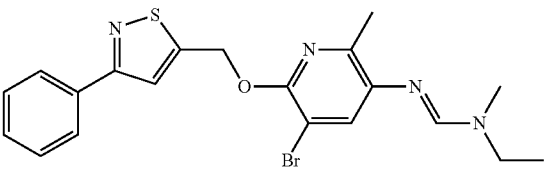
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.101		Method 1: 12.207 min; 440
Q.102		Method 1: 11.873 min; 376
Q.103		Method 1: 13.153 min; 382
Q.104		Method 1: 6.418 min; 438
Q.105		Method 1: 11.571 min; 400
Q.106		Method 1: 12.115 min; 365
Q.107		Mp 107-108° C.

TABLE Q-continued

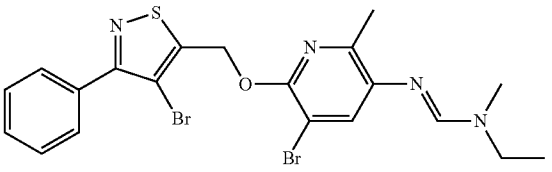
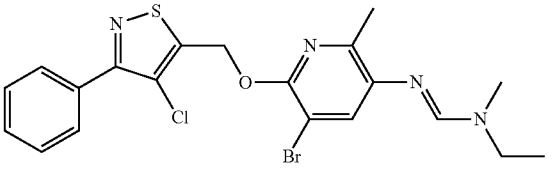
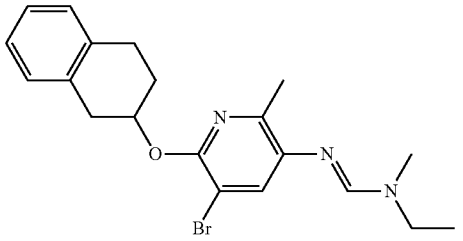
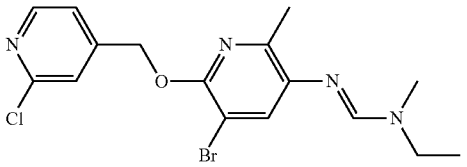
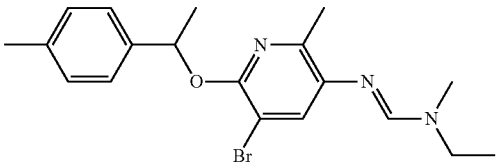
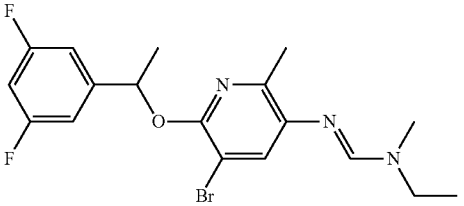
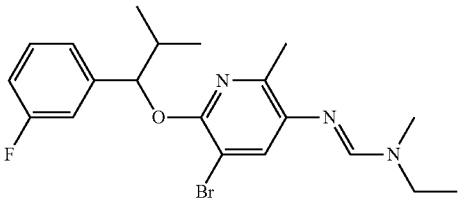
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.108		Method 2: 12.713 min; 523
Q.109		Method 1: 12.881 min; 479
Q.110		Method 2: 12.214 min; 402
Q.111		Mp 57-59° C.
Q.112		Method 2: 12.236 min; 390
Q.113		Method 1: 12.030 min; 412
Q.114		Method 2: 13.002 min; 404

TABLE Q-continued

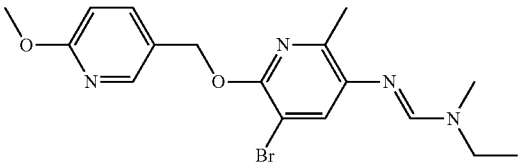
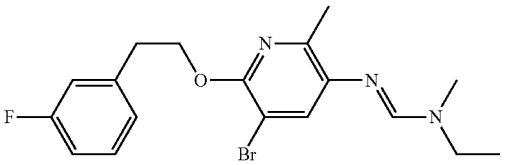
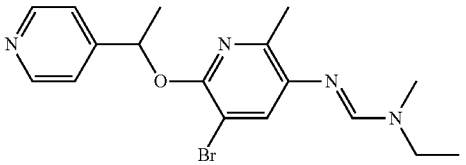
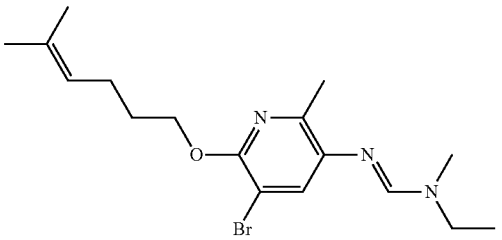
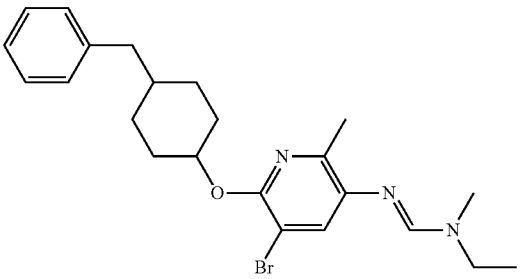
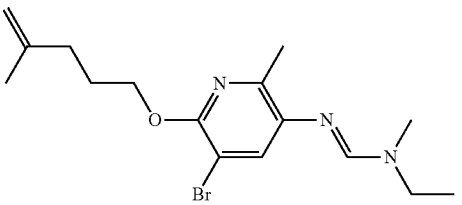
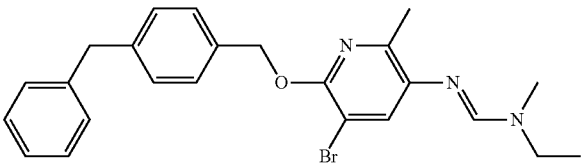
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.115		Method 1: 9.589 min; 393
Q.116		Method 2: 11.625 min; 394
Q.117		Method 2: 6.956 min; 377
Q.118		Method 2: 12.577 min; 368
Q.119		Method 1: 13.850 min; 444
Q.120		Method 2: 11.861 min; 354
Q.121		Method 2: 12.977 min; 451

TABLE Q-continued

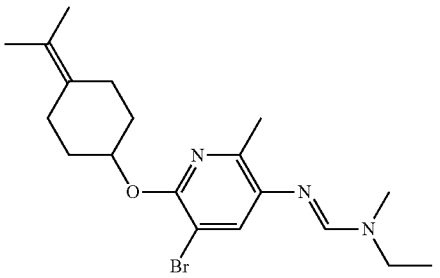
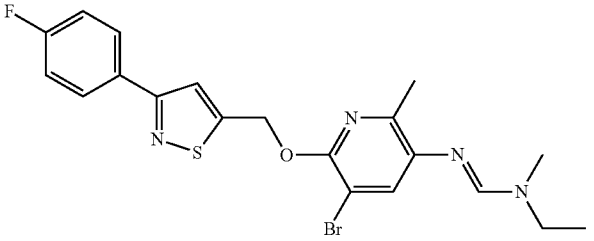
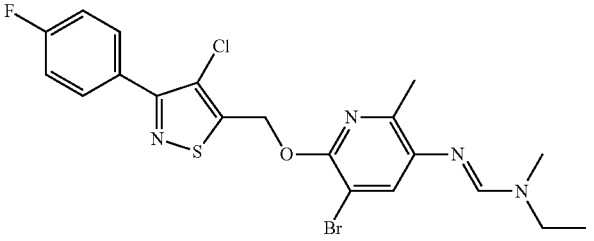
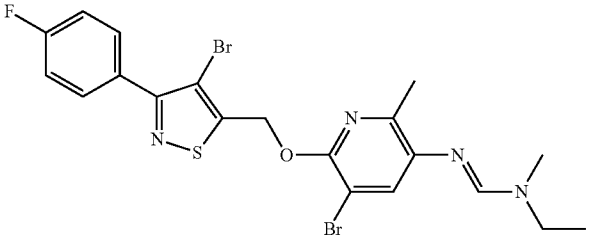
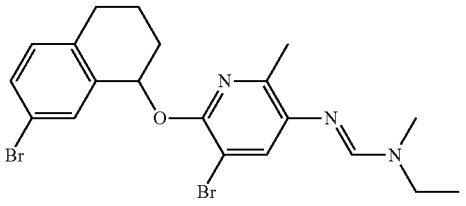
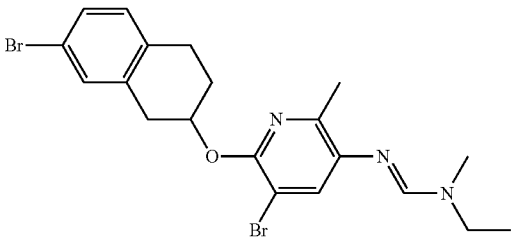
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.122		Method 2 13.353 min; 394
Q.123		Mp 120-121° C.
Q.124		Mp 98-99° C.
Q.125		Mp 101-102° C.
Q.126		Method 1: 13.029 min; 480
Q.127		Method 2: 13.168 min; 481

TABLE Q-continued

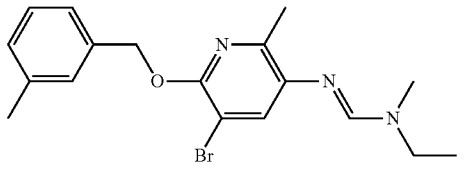
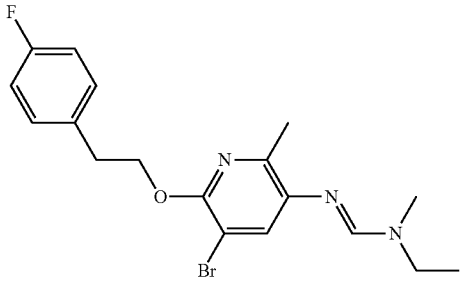
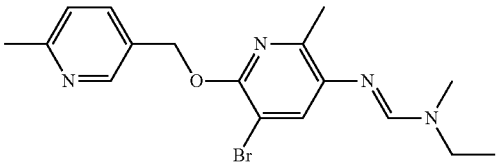
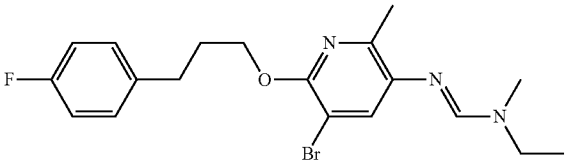
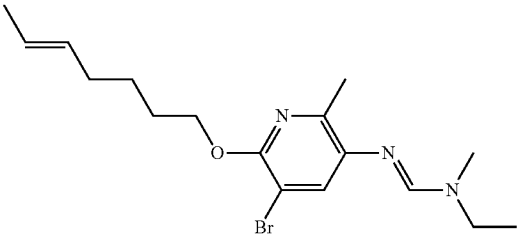
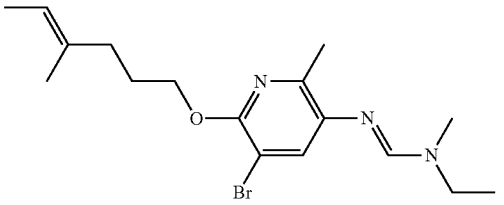
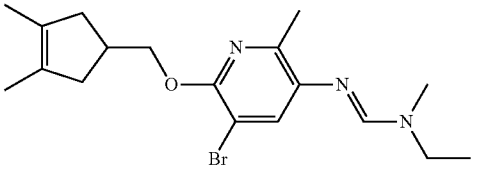
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.128		Mp 60-62° C.
Q.129		Mp 46-48° C.
Q.130		Method 2: 3.41 min; 377
Q.131		Method 2: 12.242 min; 408
Q.132		Method 1: 12.688 min; 368
Q.133		Method 1: 12.522 min; 368
Q.134		Method 2: 12.979 min; 380

TABLE Q-continued

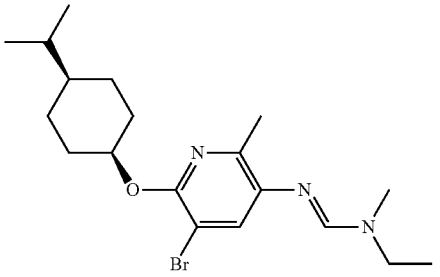
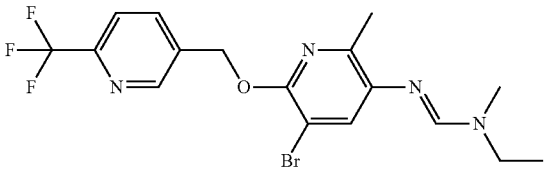
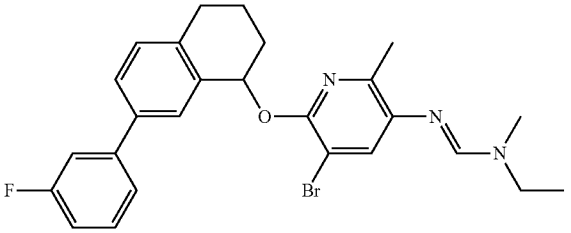
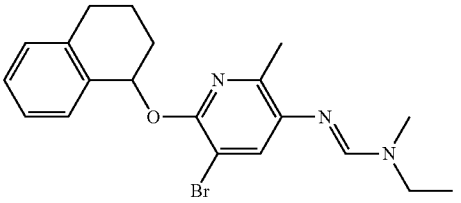
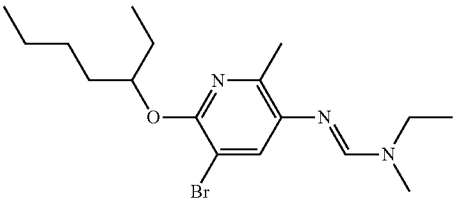
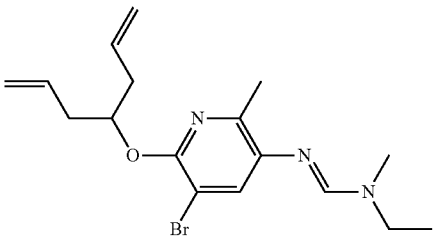
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.135		Method 3: 1.49 min; 396: Cis
Q.136		Method 1: 10.914 min; 431
Q.137		Mp 43-45° C.
Q.138		Method 1: 13.065 min; 402
Q.139		Method 1: 13.387 min; 370
Q.140		Method 2: 12.176 min; 366

TABLE Q-continued

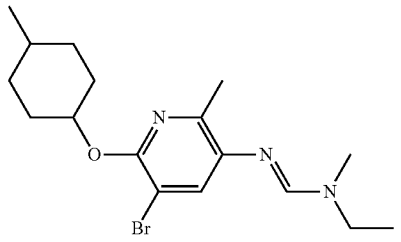
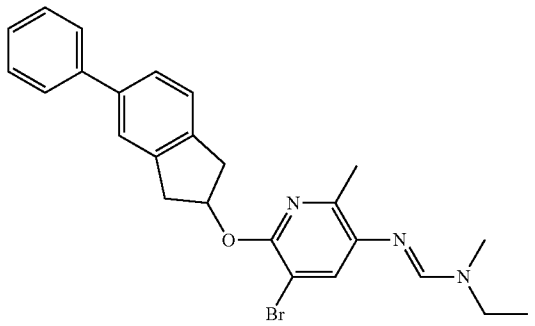
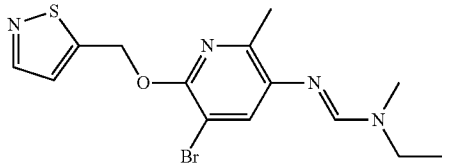
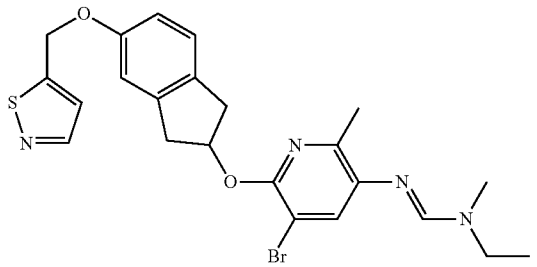
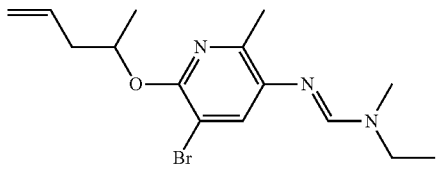
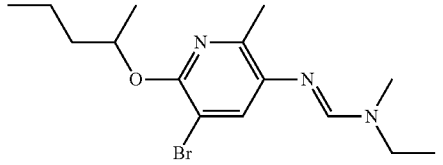
		LC-Method: R_t (min); MS-ESI (m/z; $(M+H)^+$)
Q.141		Method 1: 12.712 min; 368
Q.142		Method 1: 13.557 min; 466
Q.143		Mp 71-73° C.
Q.144		Method 1: 11.879 min; 503
Q.145		Mp 106-107° C.
Q.146		Method 1: 11.862 min; 344

TABLE Q-continued

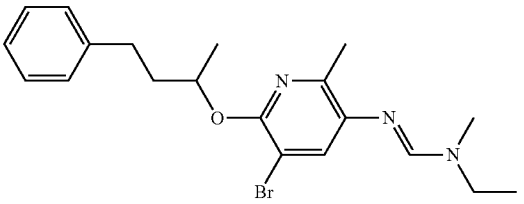
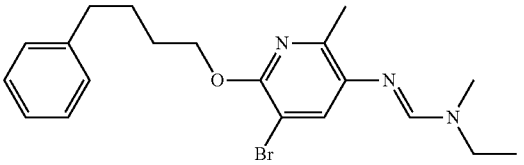
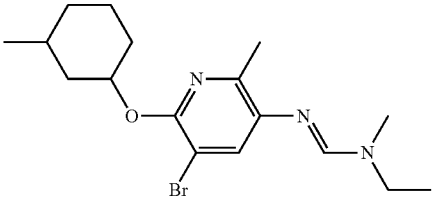
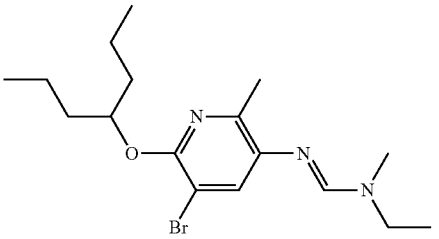
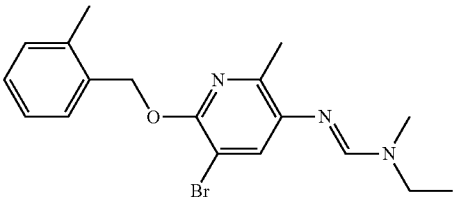
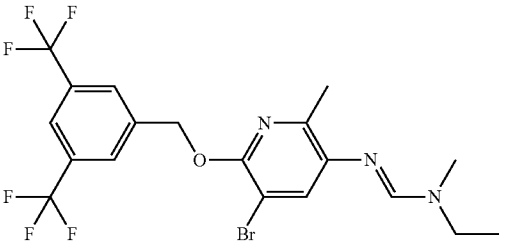
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.147		Method 1: 12.605 min; 404
Q.148		Method 1: 12.704 min; 405
Q.149		Method 1: 12.642 min; 370
Q.150		Method 1: 13.317 min; 372
Q.151		Liquid
Q.152		Mp 100-101° C.

TABLE Q-continued

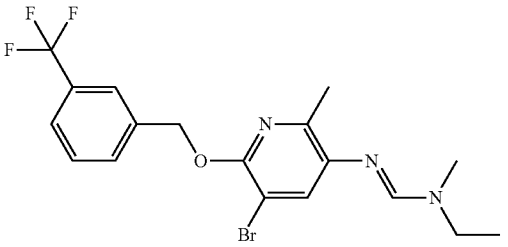
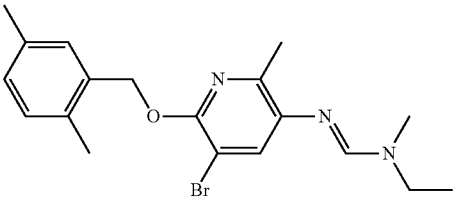
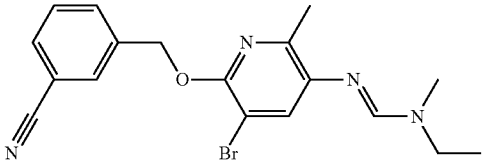
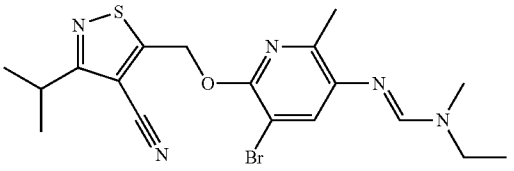
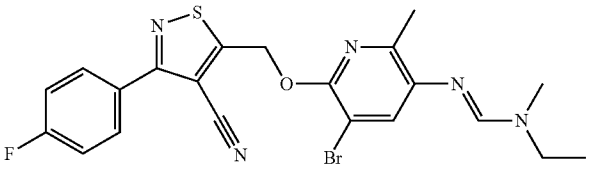
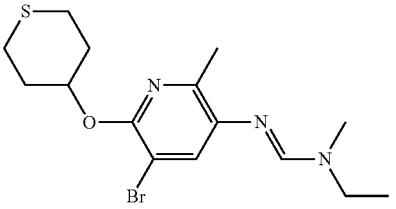
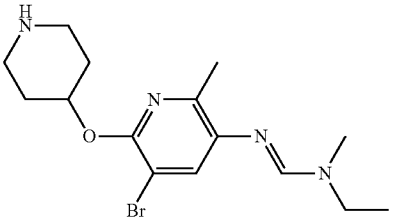
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.153		Mp 43-44° C.
Q.154		Mp 53-57° C.
Q.155		Mp 75-78° C.
Q.156		Mp 90-91° C.
Q.157		Mp 125-127° C.
Q.158		Liquid
Q.159		Liquid

TABLE Q-continued

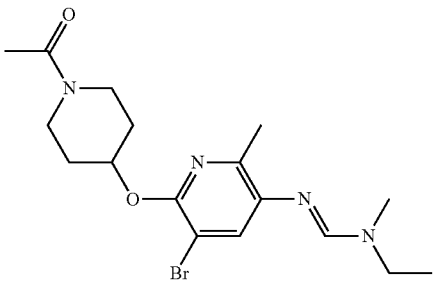
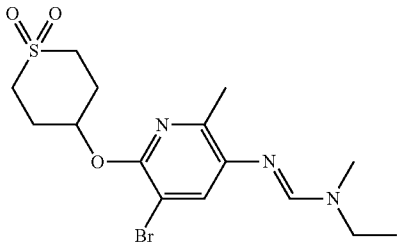
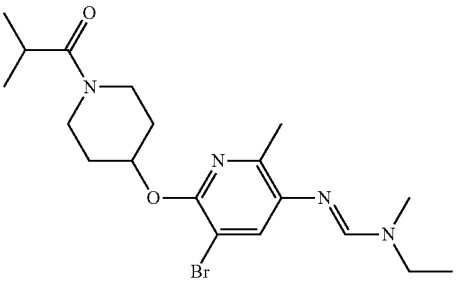
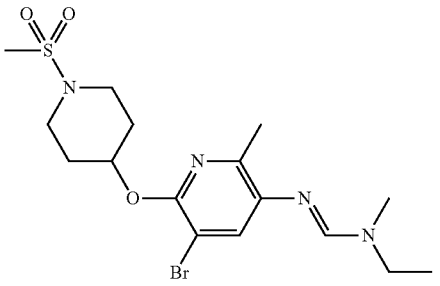
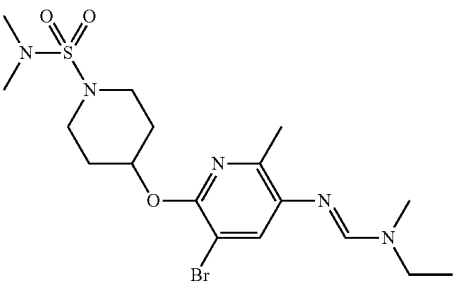
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.160		Liquid
Q.161		Liquid
Q.162		Liquid
Q.163		Mp 90-95° C.
Q.164		Mp 88-90° C.

TABLE Q-continued

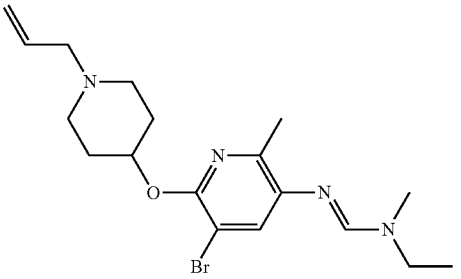
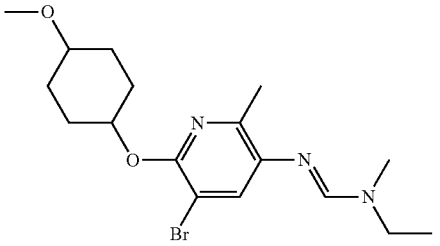
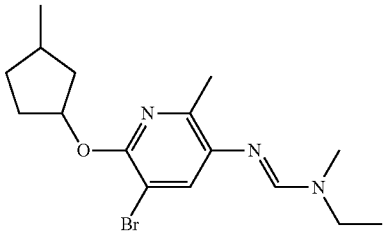
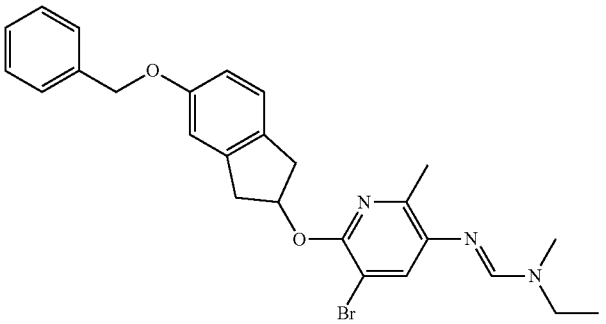
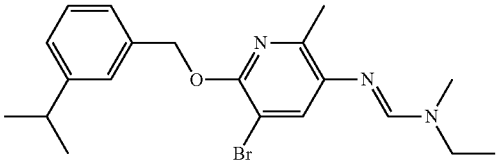
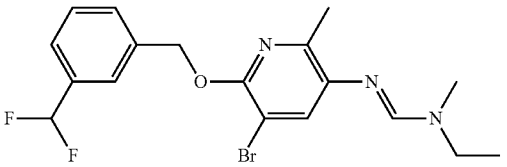
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.165		Liquid
Q.166		Liquid
Q.167		Liquid
Q.168		Liquid
Q.169		Liquid
Q.170		Liquid

TABLE Q-continued

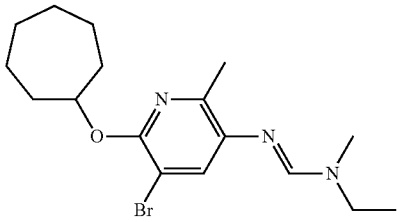
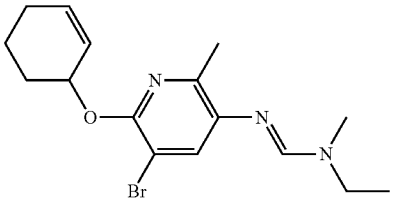
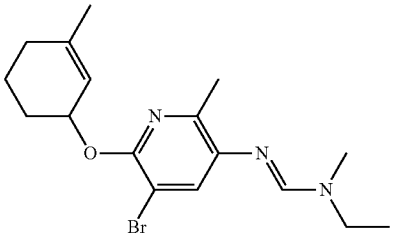
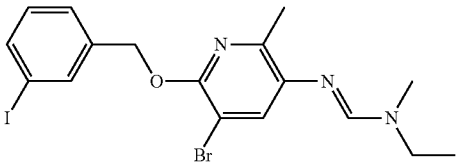
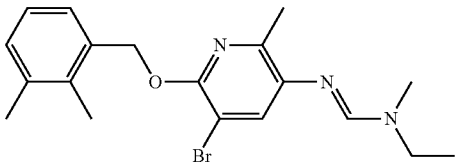
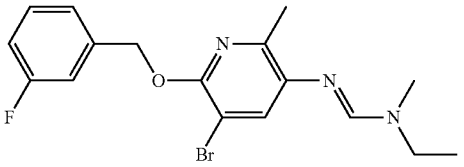
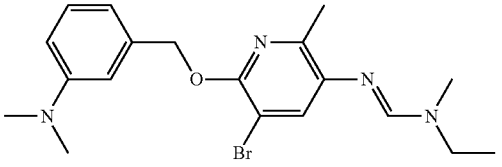
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.171		Liquid
Q.172		Mp 72-76° C.
Q.173		Liquid
Q.174		Liquid
Q.175		Liquid
Q.176		Liquid
Q.177		Liquid

TABLE Q-continued

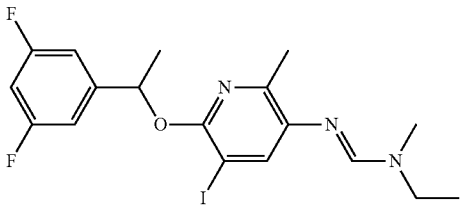
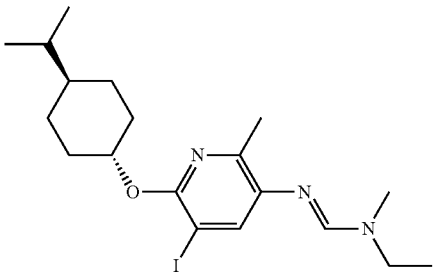
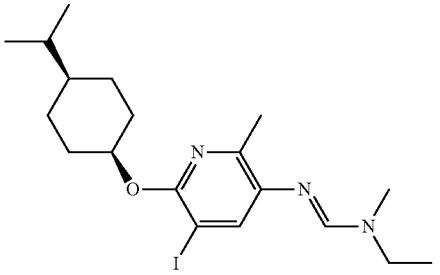
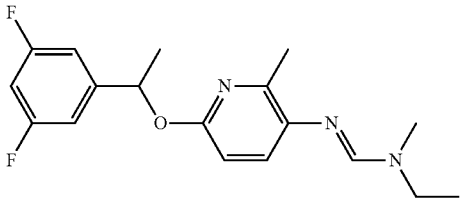
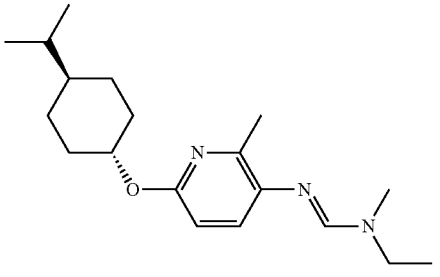
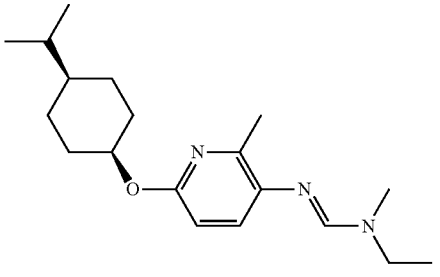
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.178		Method 2: 12.011 min; 460
Q.179		Method 1: 13.777 min; 444; Trans
Q.180		Method 1: 13.653 min; 444; Cis
Q.181		Method 2: 11.260 min; 334
Q.182		Method 1: 13.163 min; 318; Trans
Q.183		Method 1: 14.926 min; 318; Cis

TABLE Q-continued

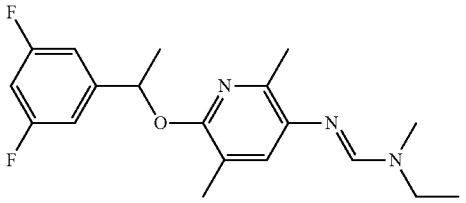
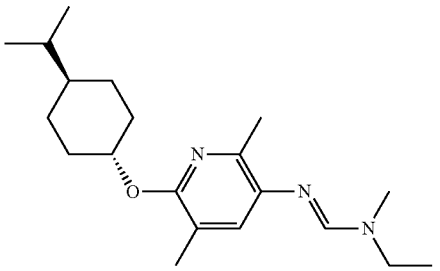
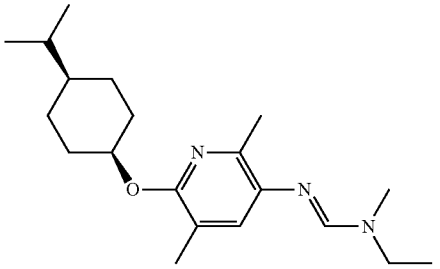
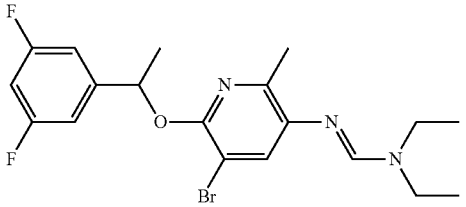
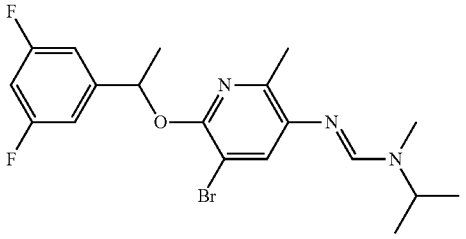
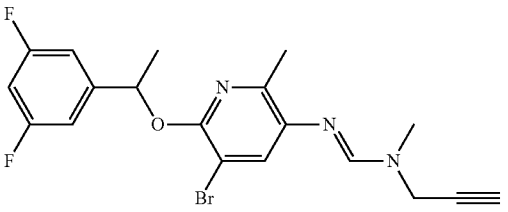
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.184		Method 2: 12.116 min; 348
Q.185		Method 1: 14.254 min; 332; Trans
Q.186		Method 1: 15.845 min; 332; Cis
Q.187		Method 2: 12.707 min; 426
Q.188		Method 2: 12.145 min; 426
Q.189		Method 2: 11.943 min; 422

TABLE Q-continued

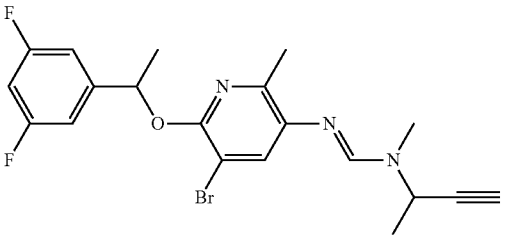
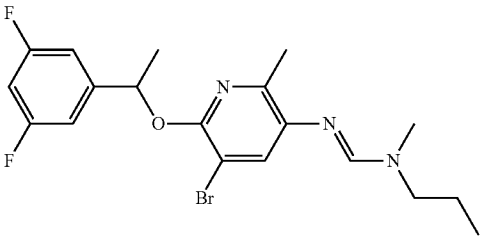
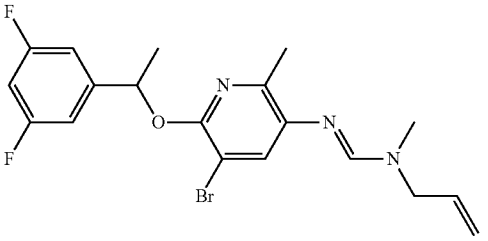
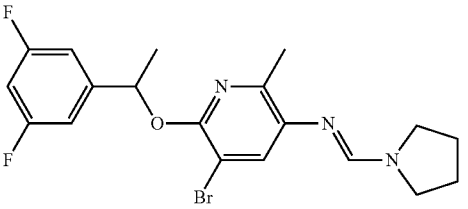
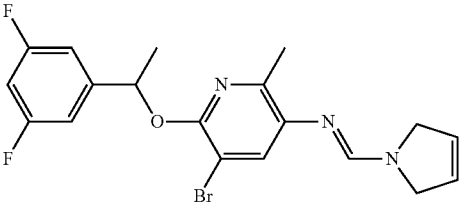
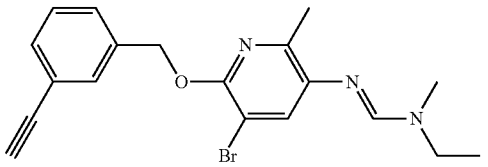
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.190		Method 1: 12.216 min; 436
Q.191		Method 2: 12.769 min; 426
Q.192		Method 2: 12.121 min; 424
Q.193		Method 2: 11.891 min; 424
Q.194		Method 2: 11.881 min; 422
Q.195		Mp 52-54° C.

TABLE Q-continued

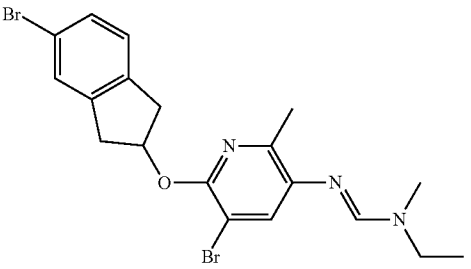
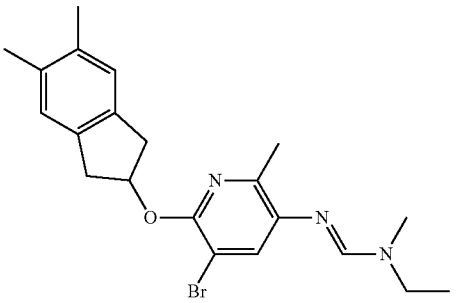
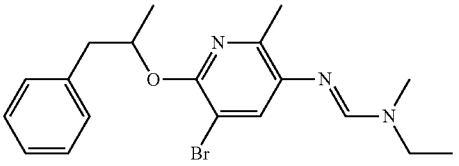
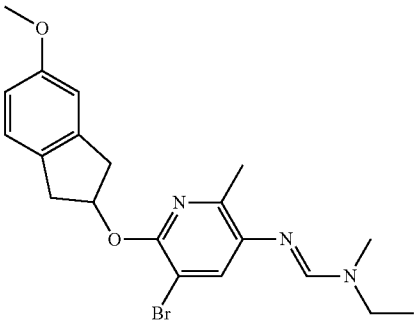
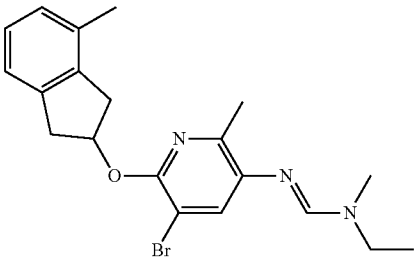
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.196		Method 1: 12.439 min; 466
Q.197		Method 1: 11.886 min; 416
Q.198		Method 1: 11.886 min; 390
Q.199		Method 1: 11.955 min; 418
Q.200		Method 1: 12.096 min; 402

TABLE Q-continued

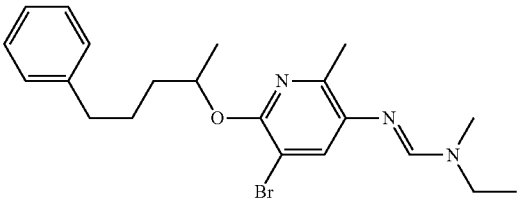
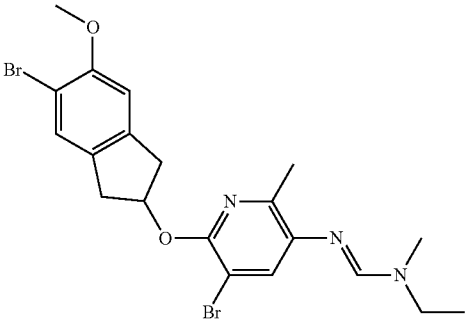
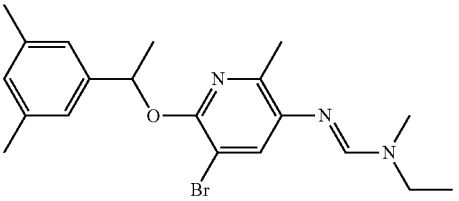
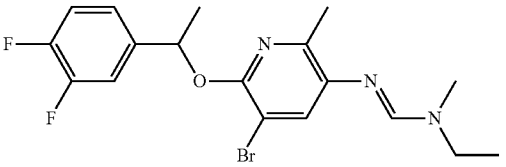
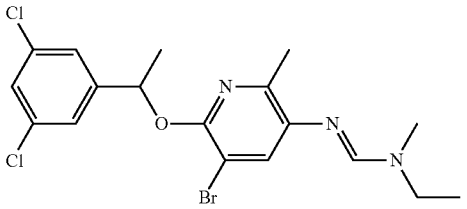
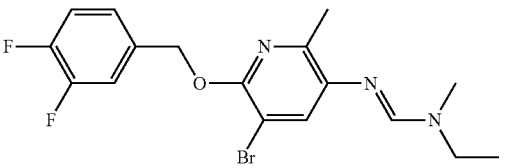
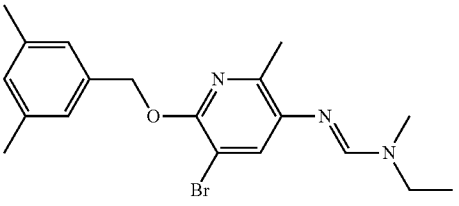
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.201		Method 1: 12.796 min; 418
Q.202		Method 1: 12.154 min; 496
Q.203		Method 2: 13.148 min; 404
Q.204		Method 2: 11.780 min; 412
Q.205		Method 1: 6.785 min; 444
Q.206		Mp 75-78° C.
Q.207		Mp 57-58° C.

TABLE Q-continued

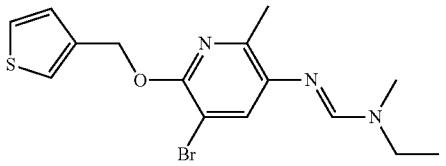
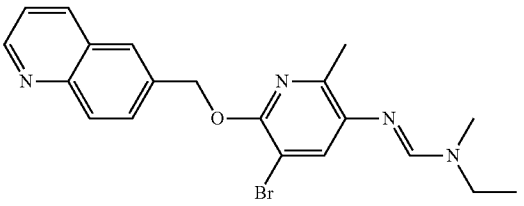
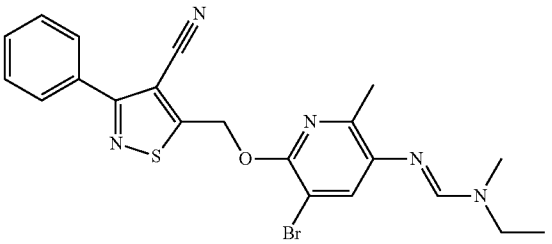
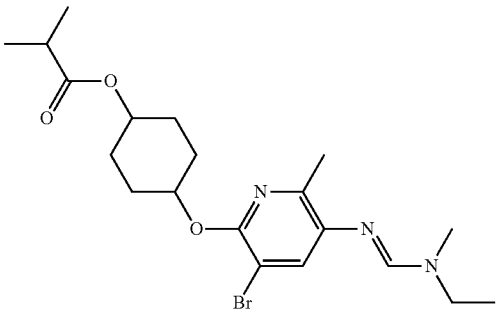
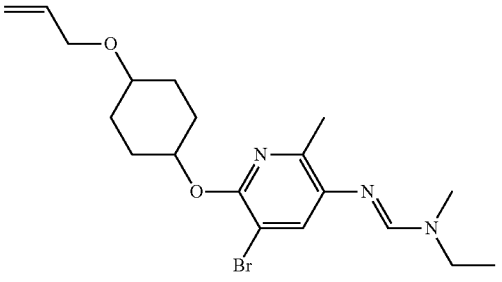
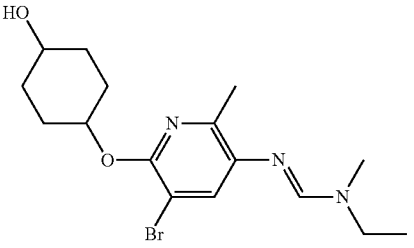
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.208		Method 1: 10.753 min; 368
Q.209		Method 1: 7.472 min; 413
Q.210		Mp 134-135° C.
Q.211		Method 1: 11.913 min; 440
Q.212		Method 1: 11.392 min; 410
Q.213		Method 1: 8.301 min; 370

TABLE Q-continued

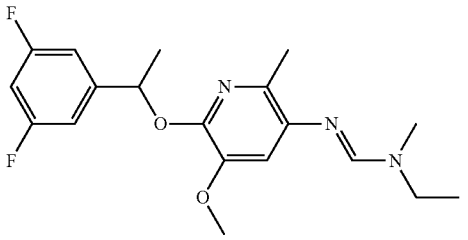
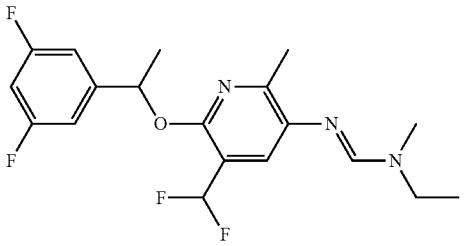
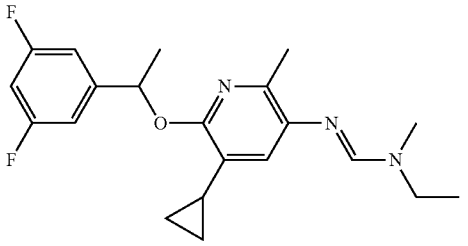
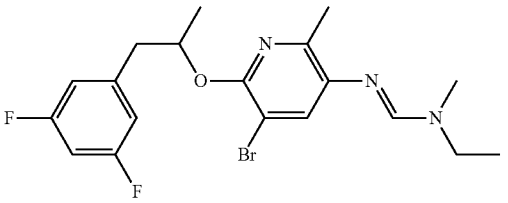
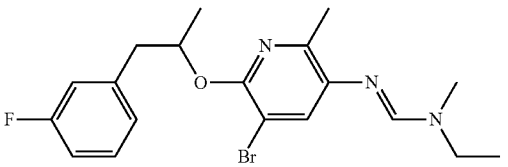
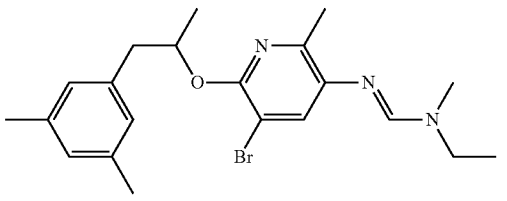
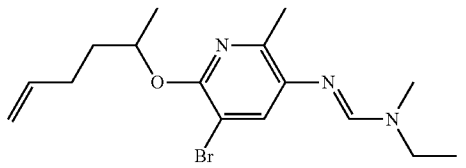
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.214		Method 1: 11.318 min; 364
Q.215		Method 1: 12.017 min; 384
Q.216		Method 2: 12.660 min; 374
Q.217		Method 1: 12.015 min; 426
Q.218		Method 2: 12.403 min; 408
Q.219		Method 2: 13.469 min; 418
Q.220		Method 1: 11.837 min; 354

TABLE Q-continued

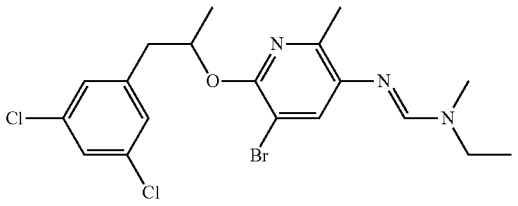
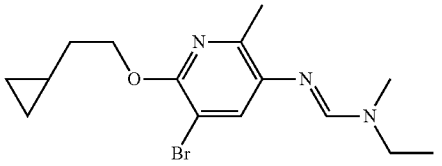
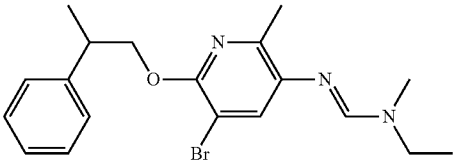
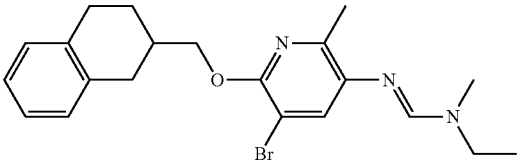
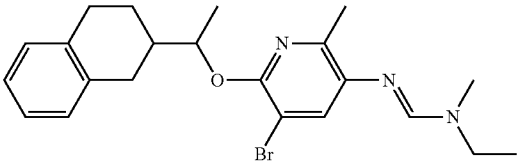
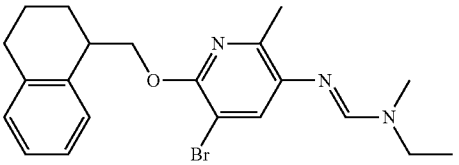
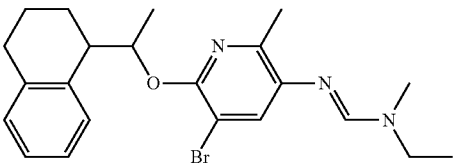
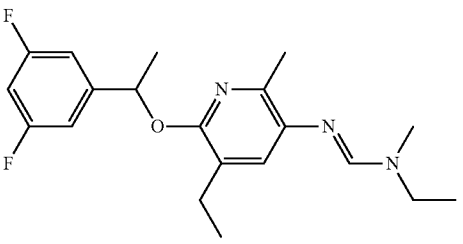
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.221		Method 1: 13.221 min; 458
Q.222		Method 2: 11.427 min; 340
Q.223		Method 1: 12.006 min; 390
Q.224		Method 2: 12.567 min; 416
Q.225		Method 2: 13.408 min; 430
Q.226		Method 1: 12.686 min; 416
Q.227		Method 2: 13.431 min; 430
Q.228		Method 2: 12.346 min; 362

TABLE Q-continued

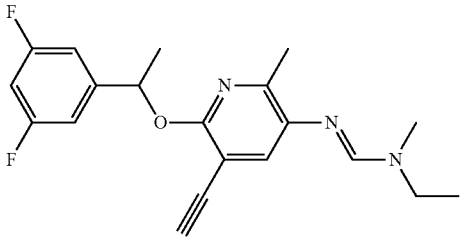
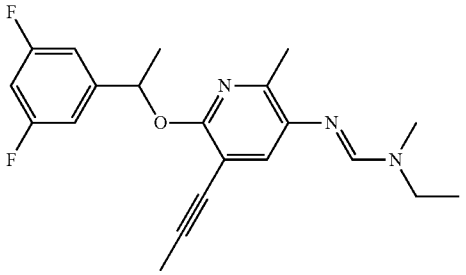
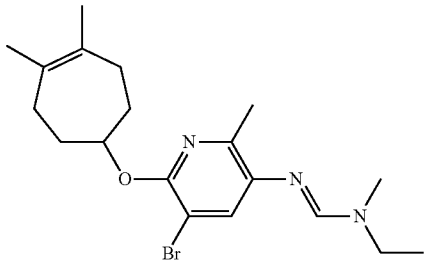
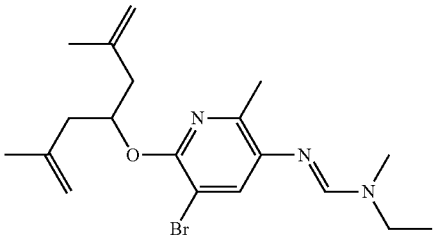
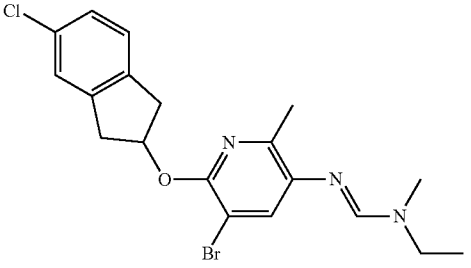
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.229		Method 2: 11.570 min; 358
Q.230		Method 1: 12.261 min; 372
Q.231		Method 1: 13.535 min; 394
Q.232		Method 1: 13.295 min; 394
Q.233		Method 2: 11.937 min; 422

TABLE Q-continued

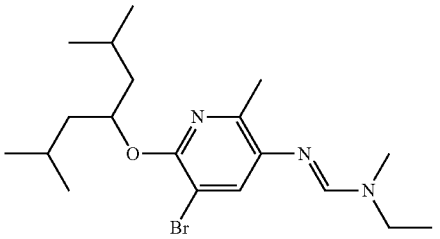
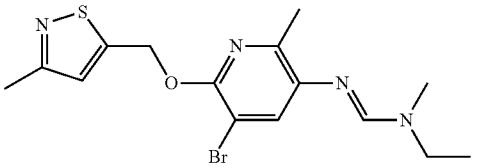
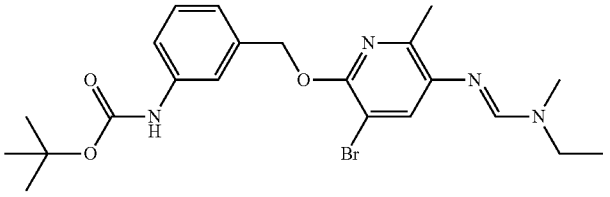
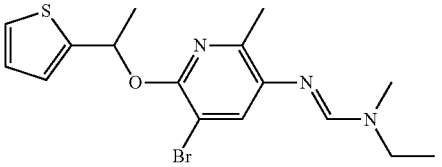
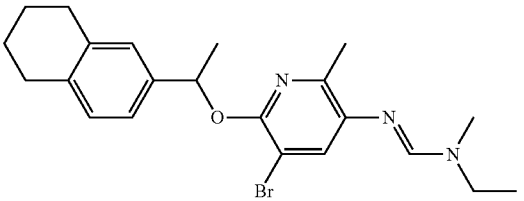
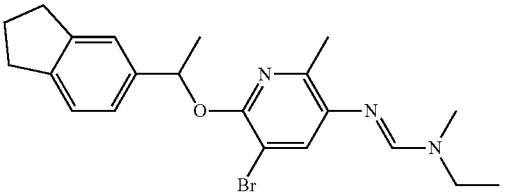
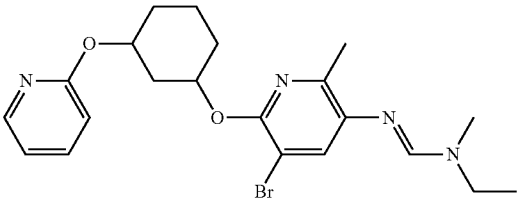
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.234		Method 1: 14.173 min; 398
Q.235		Mp 55-57° C.
Q.236		Mp 40-42° C.
Q.237		Method 1: 8.524 min; 382
Q.238		Method 1: 19.177 min; 430
Q.239		Method 1: 18.583 min; 416
Q.240		Method 1: 10.070 min; 447

TABLE Q-continued

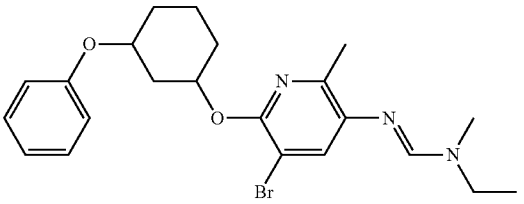
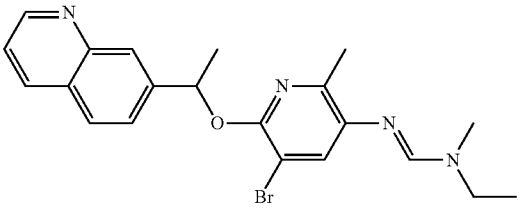
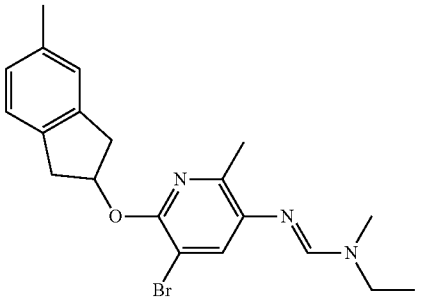
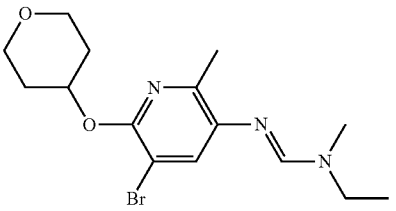
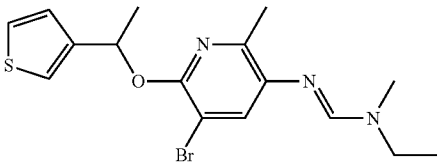
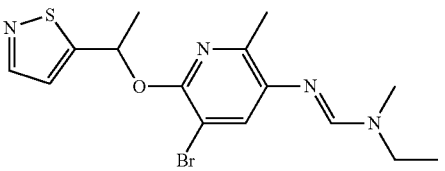
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.241		Method 1: 12.850 min; 446
Q.242		Method 1: 8.079 min; 427
Q.243		Method 1: 12.200 min; 402
Q.244		Method 1: 9.090 min; 356
Q.245		Method 1: 8.672 min; 382
Q.246		Method 1: 11.718 min; 383

TABLE Q-continued

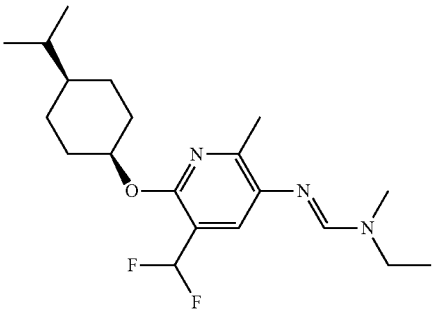
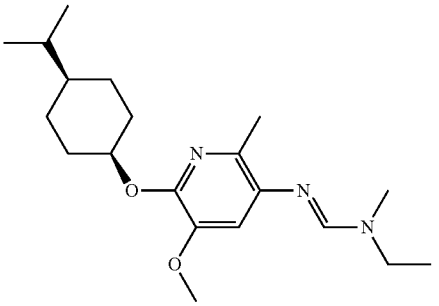
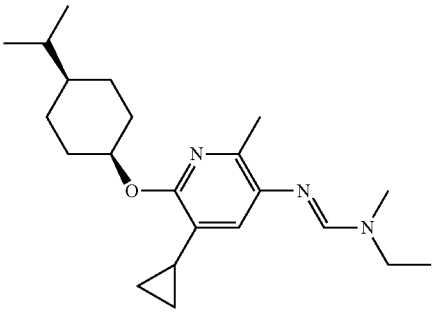
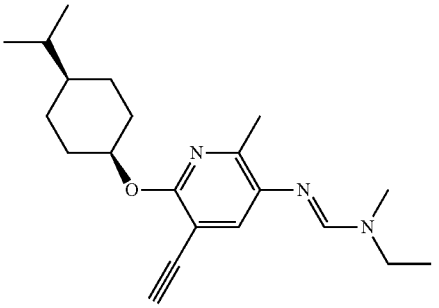
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.247		Method 1: 13.430 min; 368; Cis
Q.248		Method 1: 13.051 min; 348; Cis
Q.249		Method 1: 14.416 min; 358; Cis
Q.250		Method 1: 13.413 min; 342; Cis

TABLE Q-continued

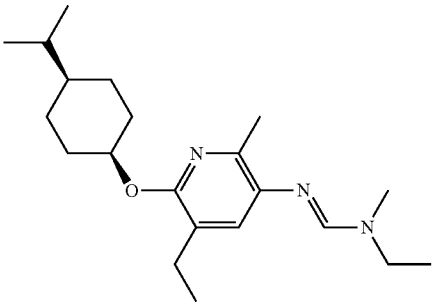
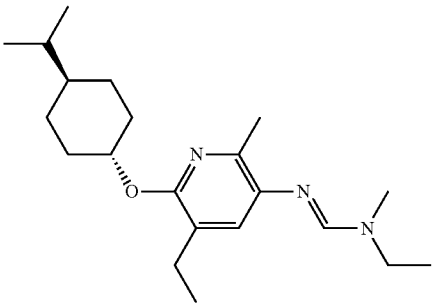
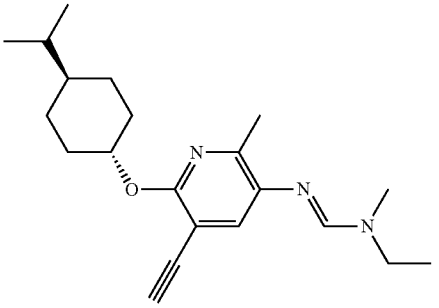
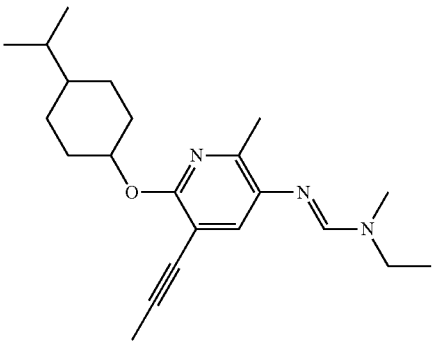
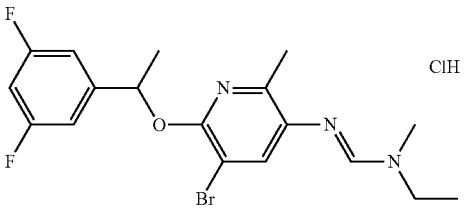
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.251		Method 1; 14.420 min; 346; Cis
Q.252		Method 1: 13.397 min; 346; Trans
Q.253		Method 2: 13.397 min; 342; Trans
Q.254		Method 1: 13.900 min; 356
Q.255		Mp 178-180° C.

TABLE Q-continued

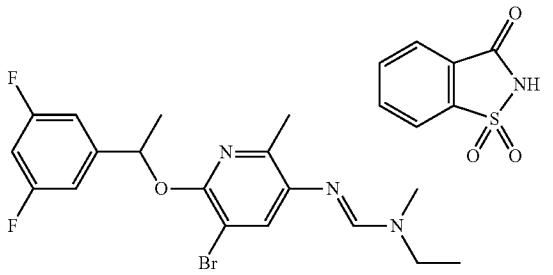
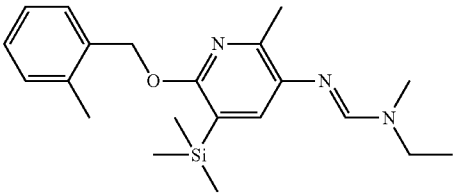
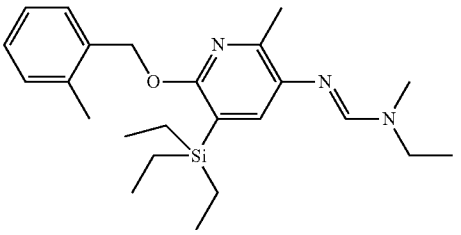
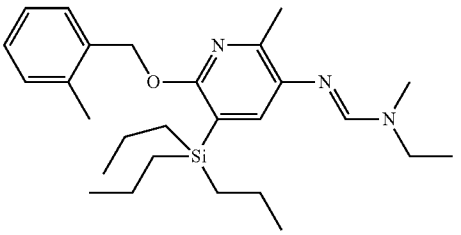
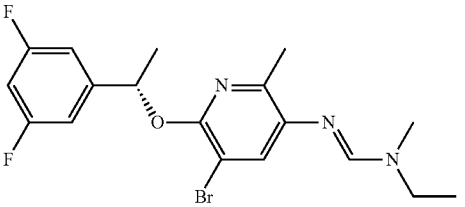
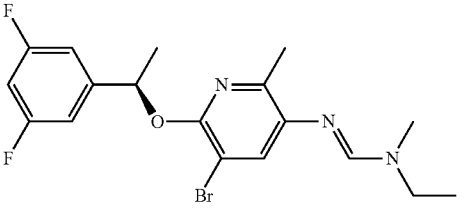
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.256		Mp 165-168° C.
Q.257		Method 3: 1.42 min; 370
Q.258		Method 3: 1.55 min; 412
Q.259		Method 3: 1.68 min; 454
Q.260		Method 3: 1.34 min; 412; (S)
Q.261		Method 3: 1.34 min; 412; (R)

TABLE Q-continued

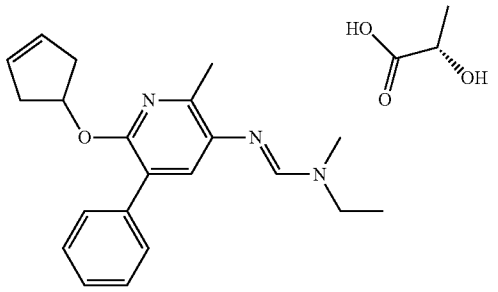
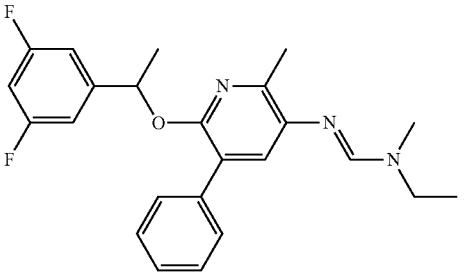
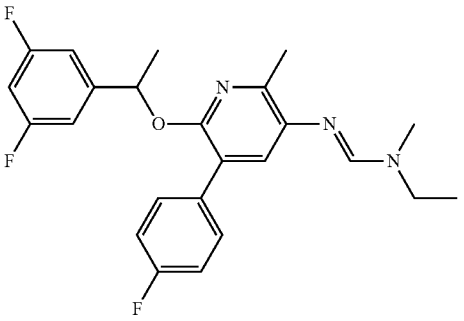
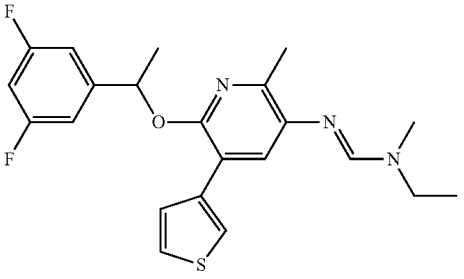
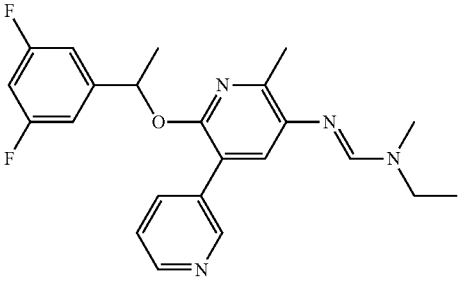
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.262		Ionic liquid
Q.263		Method 3: 1.41 min; 410
Q.264		Method 3: 1.42 min; 428
Q.265		Method 3 1.40 min; 416
Q.266		Method 3: 1.21 min; 411

TABLE Q-continued

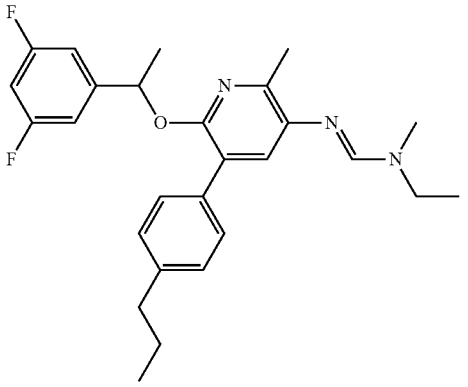
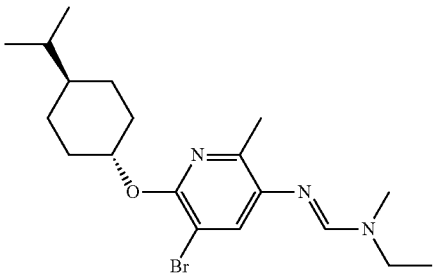
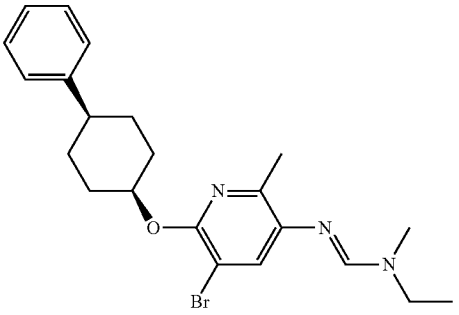
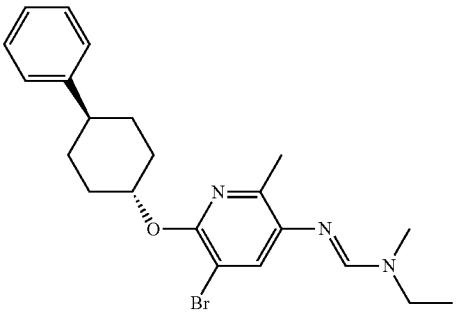
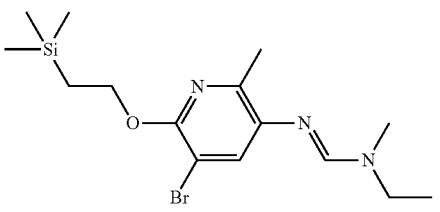
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.267		Method 3: 1.55 min: 452
Q.268		Method 3: 1.52 min; 396; Trans
Q.269		Method 3: 1.43 min: 430; Cis
Q.270		Mp 111-113° C.; Trans
Q.271		Method 1: 13.010 min; 372

TABLE Q-continued

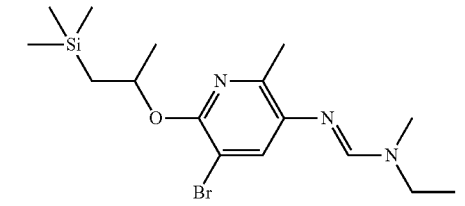
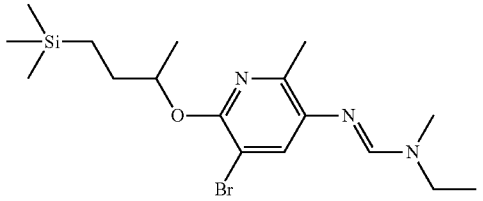
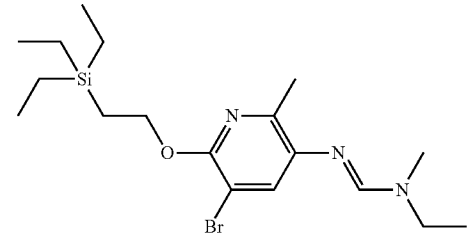
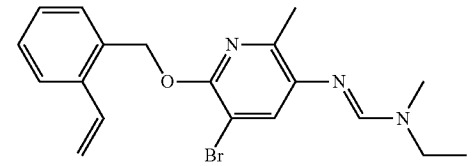
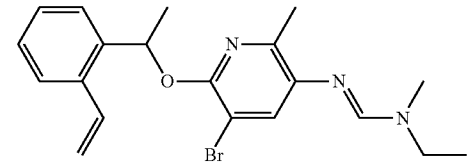
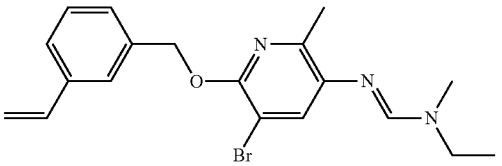
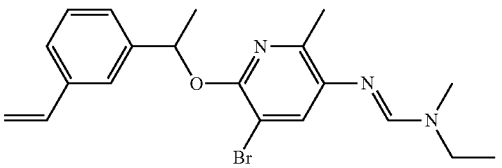
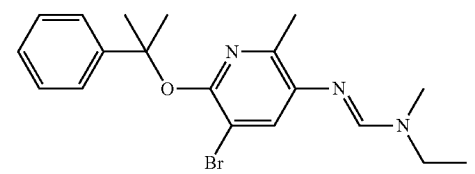
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.272		Method 1: 11.512 min; 386
Q.273		Method 1: 14.147 min; 400
Q.274		Method 1: 14.704 min; 414
Q.275		Method 1: 12.441 min; 388
Q.276		Method 1: 12.949 min; 402
Q.277		Method 1: 12.412 min; 388
Q.278		Method 1: 12.930 min; 402
Q.279		Method 1: 11.765 min; 390

TABLE Q-continued

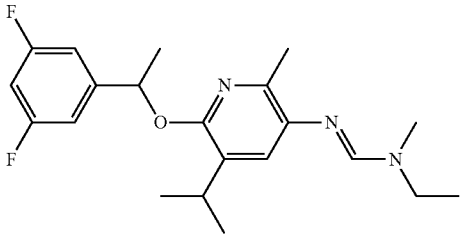
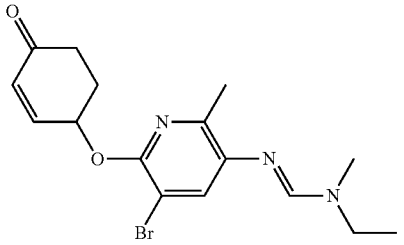
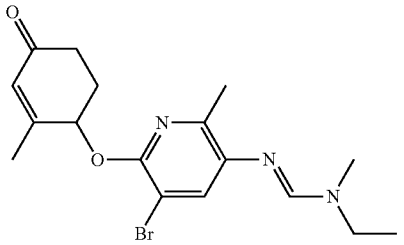
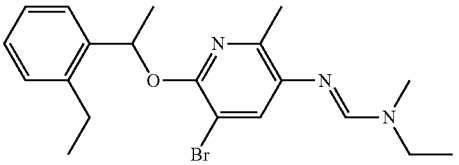
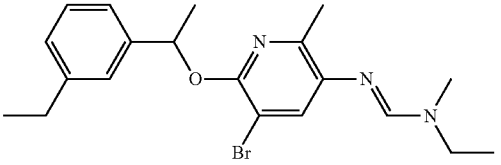
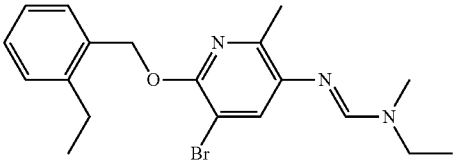
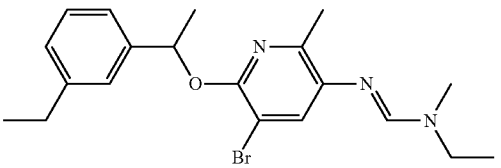
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.280		Method 1: 13.223 min; 376
Q.281		Method 1: 9.144 min; 366
Q.282		Method 1: 9.411 min; 380
Q.283		Method 1: 13.076 min; 404
Q.284		Method 1: 13.397 min; 404
Q.285		Method 1: 12.345 min; 390
Q.286		Method 1: 12.464 min; 390

TABLE Q-continued

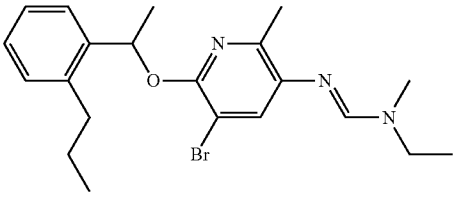
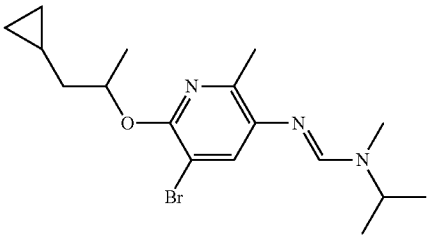
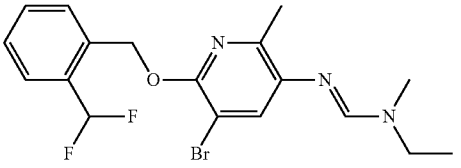
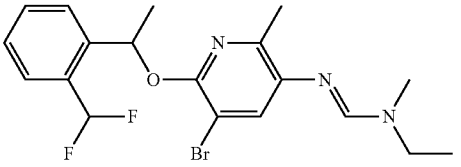
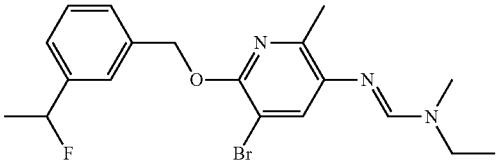
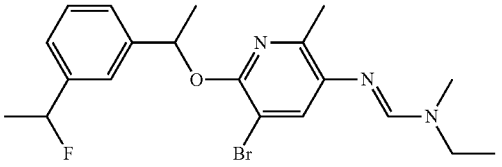
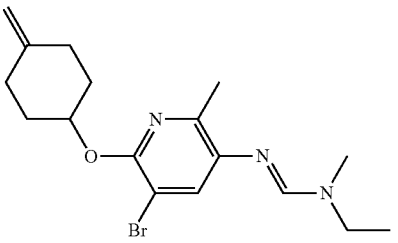
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.287		Method 1: 13.376 min; 418
Q.288		Method 2: 12.056 min; 354
Q.289		Method 1: 11.736 min; 412
Q.290		Mp 81-85° C.
Q.291		Method 1: 11.782 min; 408
Q.292		Method 1: 12.318 min; 422
Q.293		Method 1: 12.503 min; 366

TABLE Q-continued

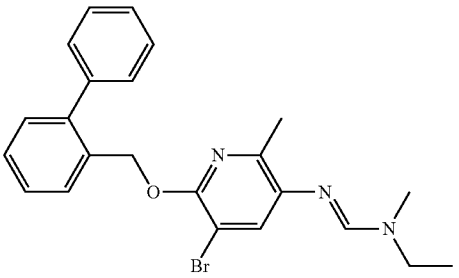
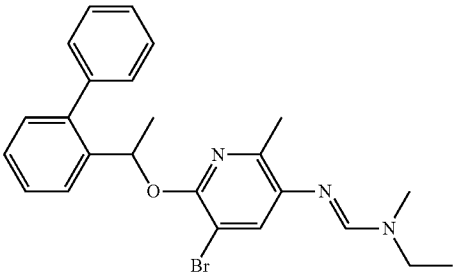
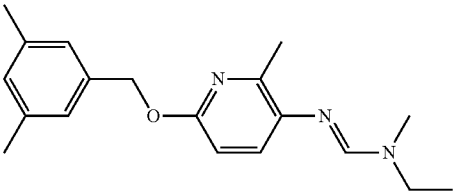
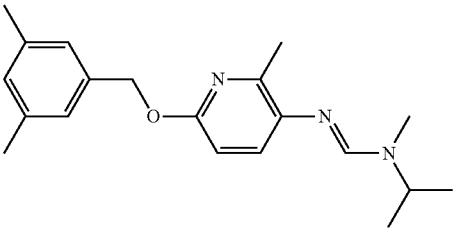
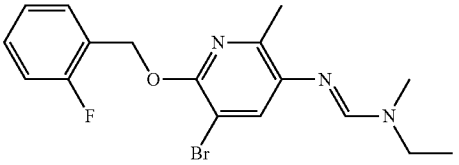
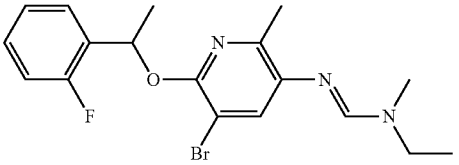
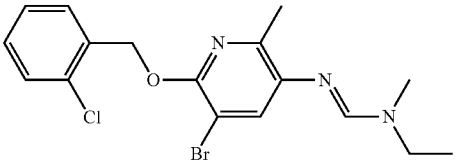
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.294		Method 1: 13.526 min; 438
Q.295		Mp 59-62° C.
Q.296		Method 1: 11.641 min; 312
Q.297		Method 1: 11.974 min; 326
Q.298		Mp 57-61° C.
Q.299		Method 1: 12.313 min; 394
Q.300		Mp 53-56° C.

TABLE Q-continued

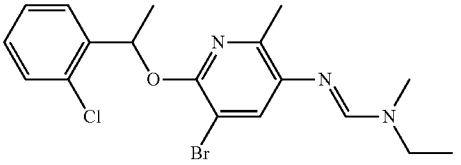
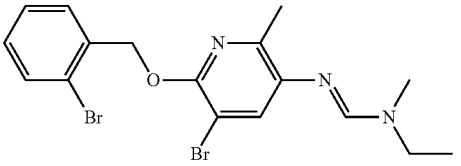
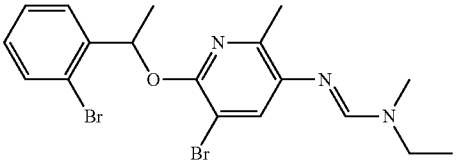
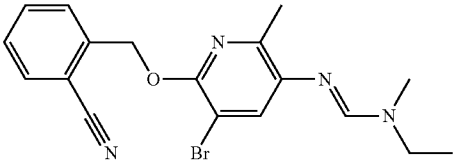
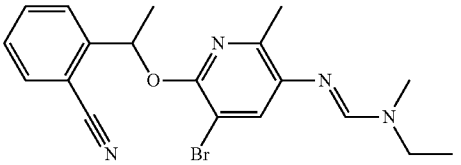
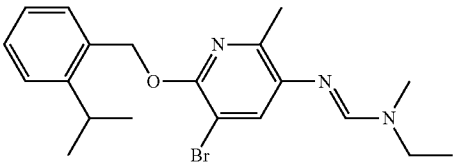
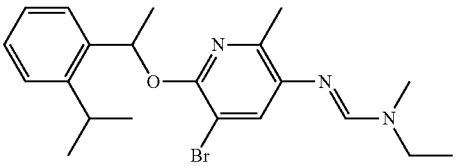
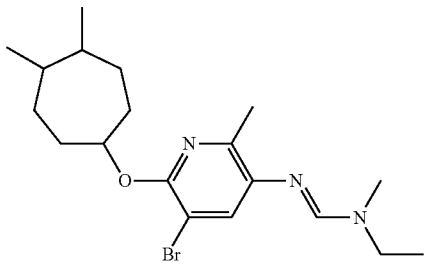
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.301		Method 1: 12.908 min; 410
Q.302		Method 1: 12.267 min; 440
Q.303		Method 1: 12.897 min; 454
Q.304		Mp 82-86° C.
Q.305		Mp 77-81° C.
Q.306		Method 1: 12.789 min; 404
Q.307		Method 1: 13.266 min; 418
Q.308		Method 1: 13.998 min; 396

TABLE Q-continued

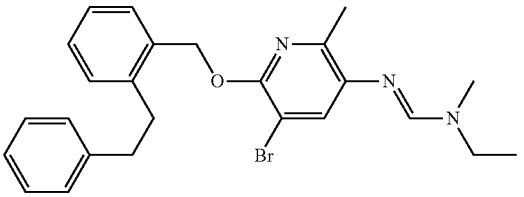
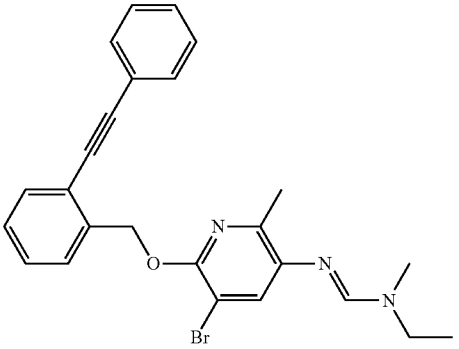
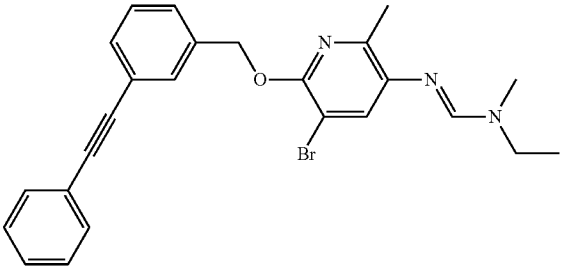
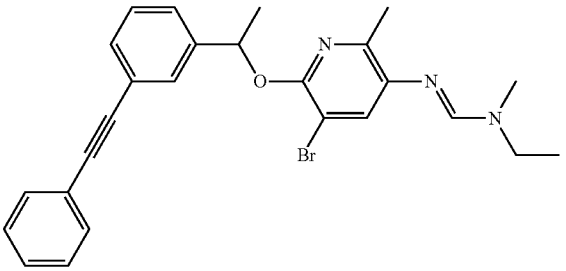
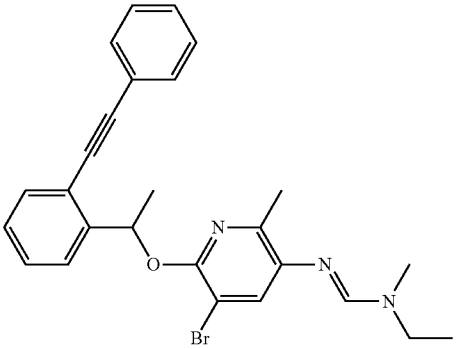
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.309		Method 1: 13.324 min; 466
Q.310		Method 1: 13.568 min; 462
Q.311		Method 1: 13.806 min; 462
Q.312		Method 1: 14.266 min; 476
Q.313		Method 1: 14.120 min; 476

TABLE Q-continued

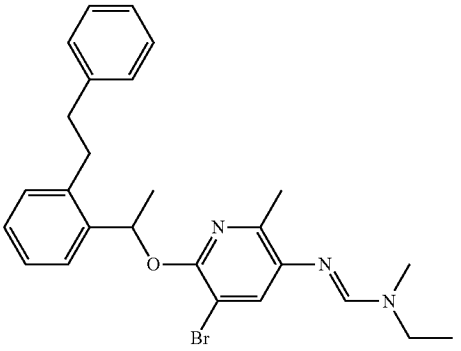
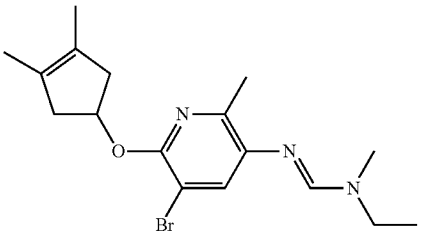
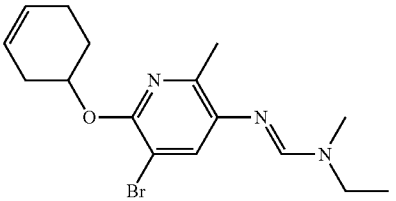
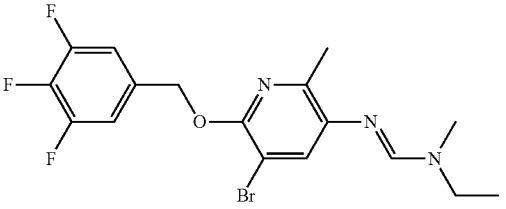
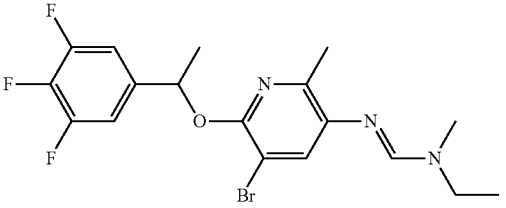
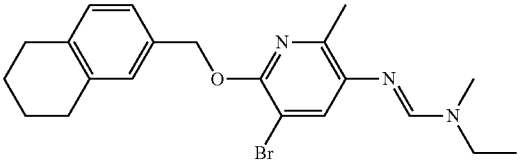
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.314		Method 1: 14.042 min; 480
Q.315		Method 1: 12.395 min; 366
Q.316		Method 1: 7.382 min; 352
Q.317		Mp 78-81° C.
Q.318		Method 1: 12.537 min; 430
Q.319		Method 1: 13.594 min; 416

TABLE Q-continued

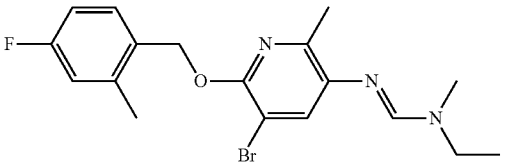
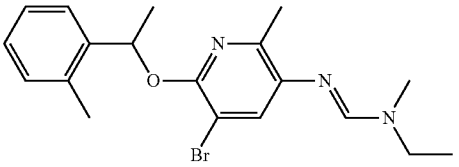
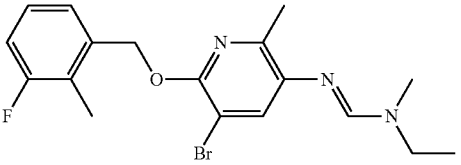
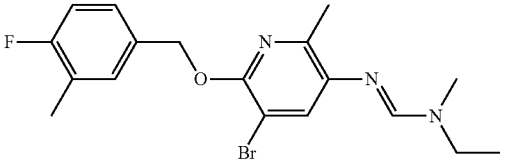
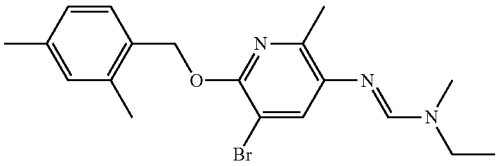
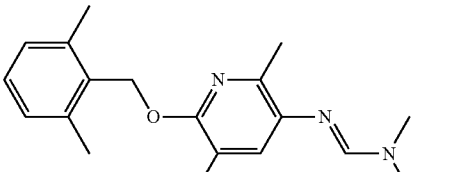
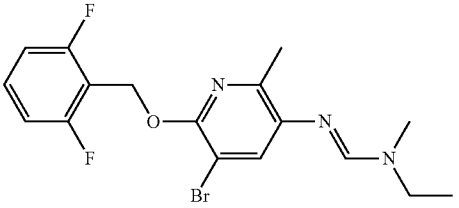
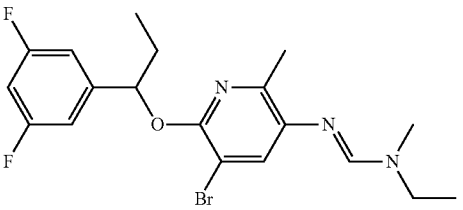
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.320		Mp 27-30° C.
Q.321		Method 1: 12.591 min; 390
Q.322		Mp 67-68° C.
Q.323		Mp 83-84° C.
Q.324		Method 1: 12.813 min; 390
Q.325		Mp 56-57° C.
Q.326		Mp 61-62° C.
Q.327		Method 1: 13.121 min; 426

TABLE Q-continued

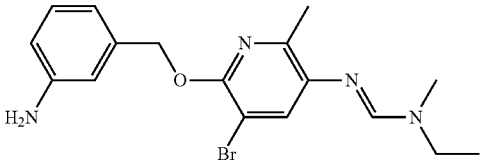
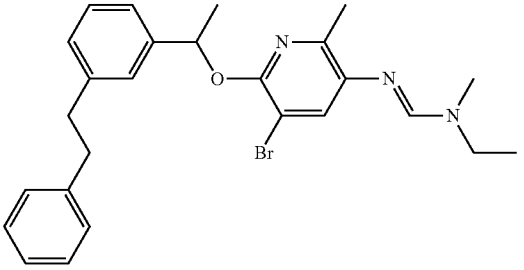
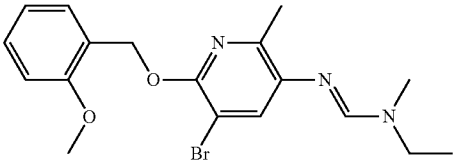
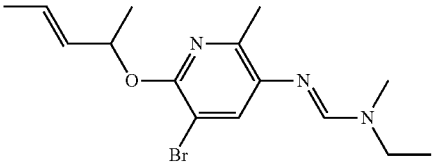
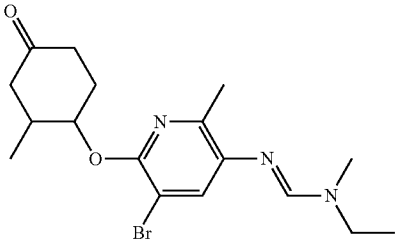
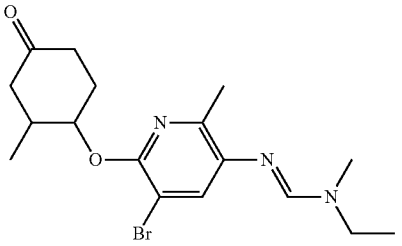
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.328		Liquid
Q.329		Method 1: 14.077 min; 480
Q.330		Method 1: 11.439 min; 392
Q.331		Method 1: 11.711 min; 340
Q.332		Method 1: 9.781 min; 382; Isomer 1
Q.333		Method 1: 9.758 min; 382 Isomer 2

TABLE Q-continued

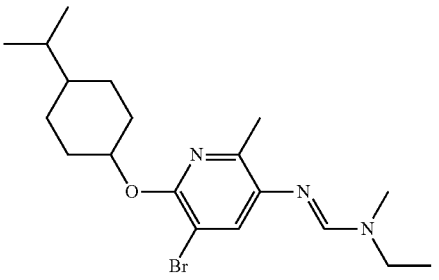
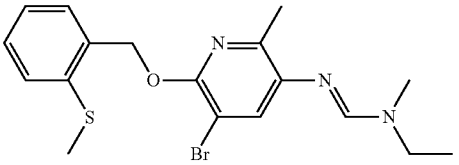
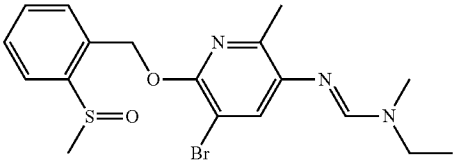
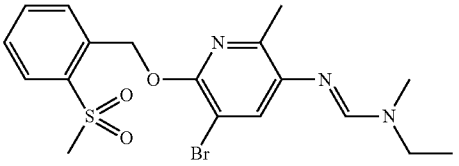
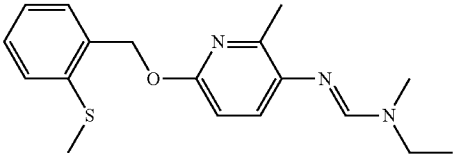
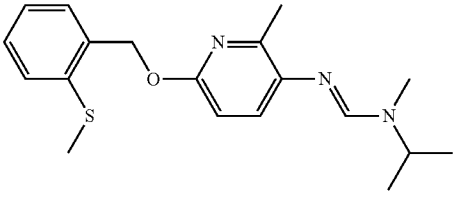
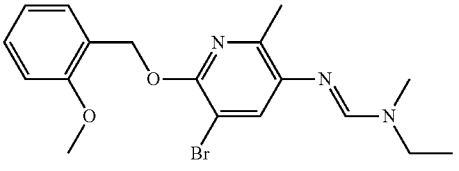
		LC-Method: R_t (min); MS-ESI (m/z; $(M+H)^+$)
Q.334		Method 6: 0.92 min; 396
Q.335		Method 1: 11.804 min; 408
Q.336		Method 1: 8.965 min; 424
Q.337		Mp 104-108° C.
Q.338		Method 1: 10.918 min; 331
Q.339		Method 1: 11.312 min; 344
Q.340		Method 1: 12.292 min; 366

TABLE Q-continued

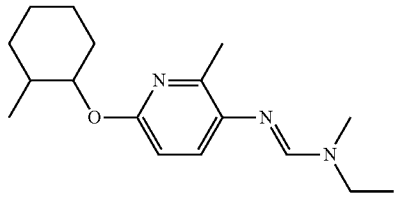
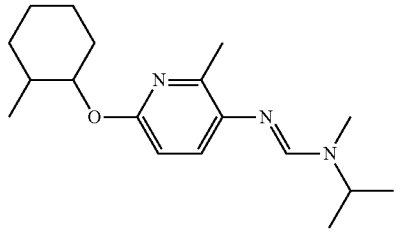
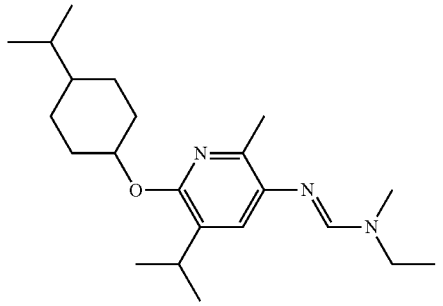
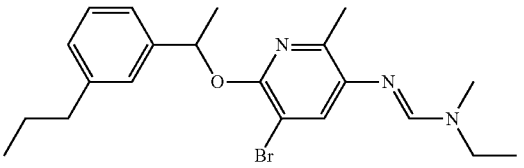
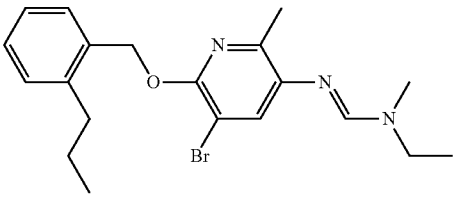
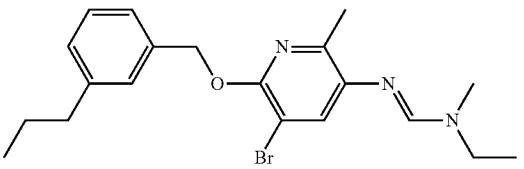
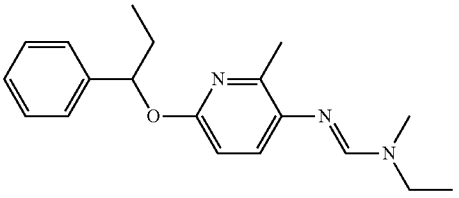
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.341		Method 1: 11.200 min; 290
Q.342		Method 1: 11.930 min; 304
Q.343		Method 1: 14.959 min; 360
Q.344		Method 1: 13.527 min; 418
Q.345		Method 1: 12.808 min; 404
Q.346		Method 1: 13.160 min; 404
Q.347		Method 1: 11.431 min; 312

TABLE Q-continued

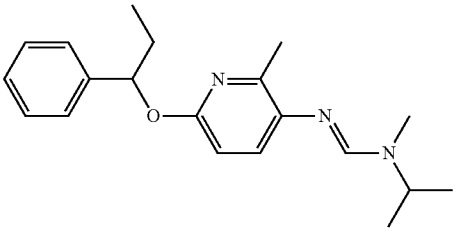
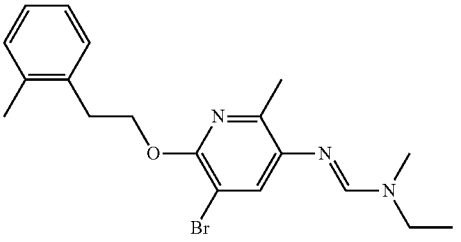
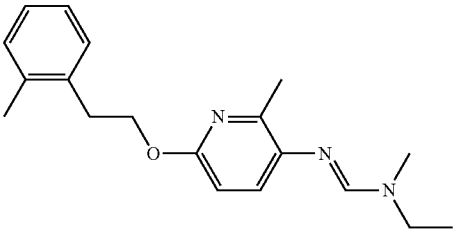
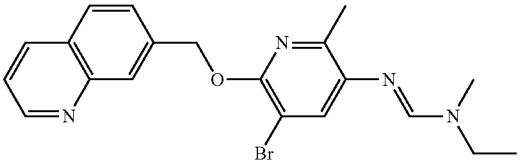
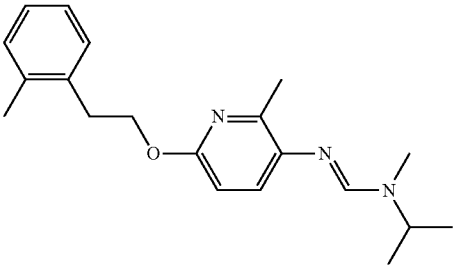
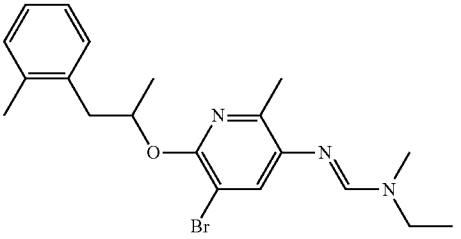
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.348		Method 1: 11.698 min; 326
Q.349		Method 1: 12.595 min; 390
Q.350		Method 1: 11.248 min; 312
Q.351		Mp 110-114° C.
Q.352		Method 1: 11.715 min; 326
Q.353		Method 1: 12.754 min; 404

TABLE Q-continued

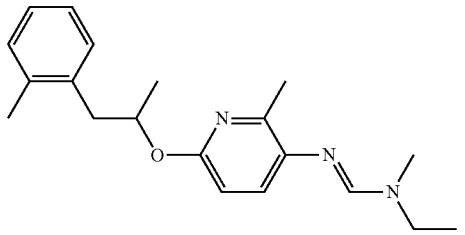
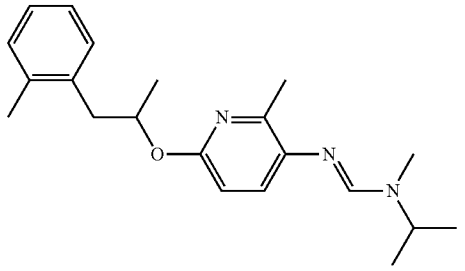
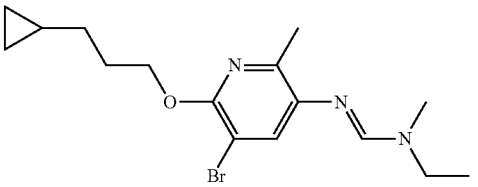
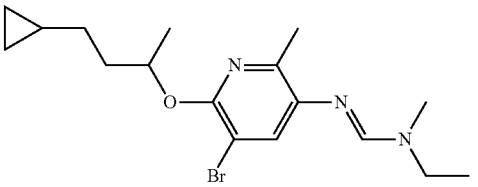
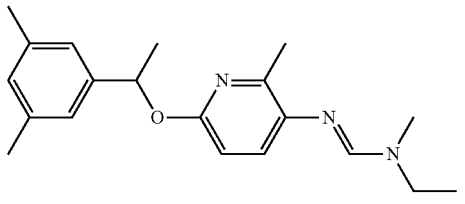
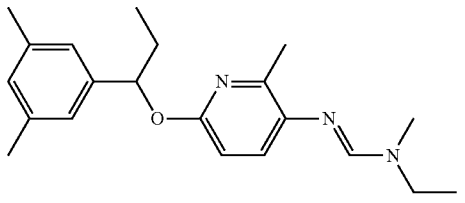
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.354		Method 1: 11.787 min; 326
Q.355		Method 1: 12.370 min; 340
Q.356		Method 1: 12.096 min; 354
Q.357		Method 1: 12.656 min; 368
Q.358		Method 1: 11.887 min; 326
Q.359		Method 1: 12.700 min; 340

TABLE Q-continued

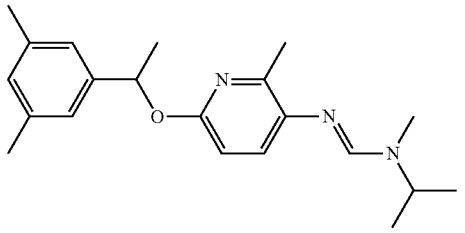
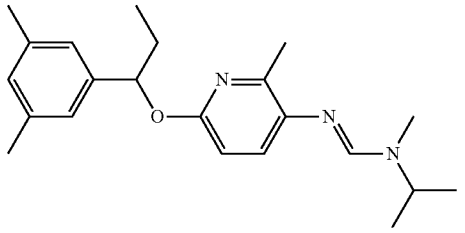
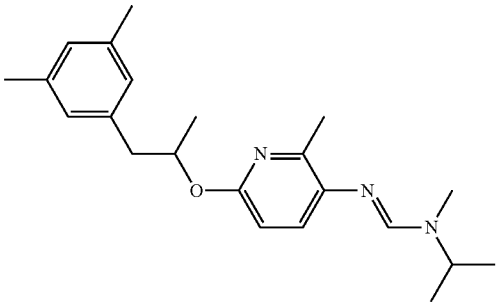
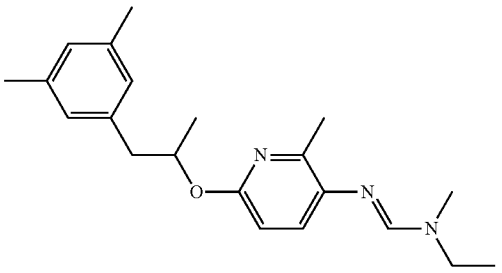
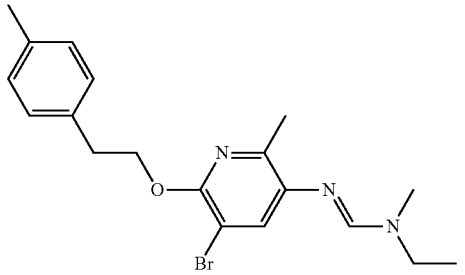
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.360		Method 1: 12.328 min; 340
Q.361		Method 1: 12.882 min; 354
Q.362		Method 1: 15.320 min; 354
Q.363		Method 1: 12.506 min; 341
Q.364		Method 1: 12.385 min; 390

TABLE Q-continued

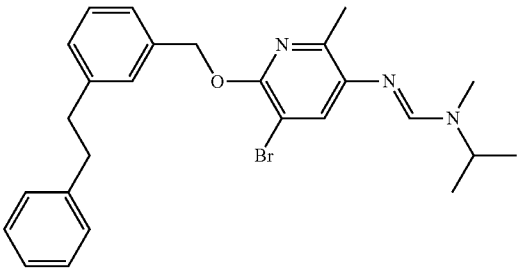
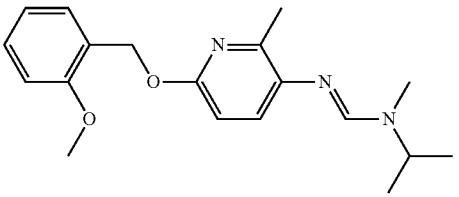
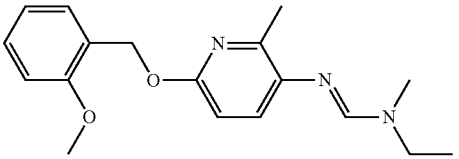
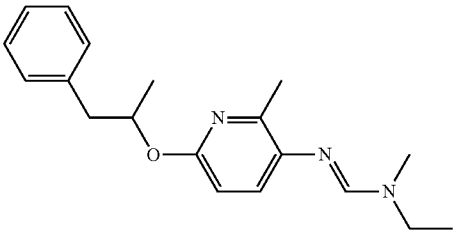
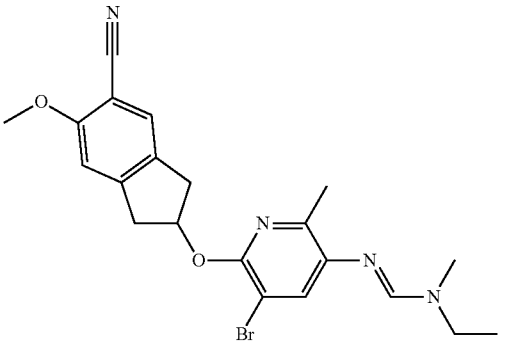
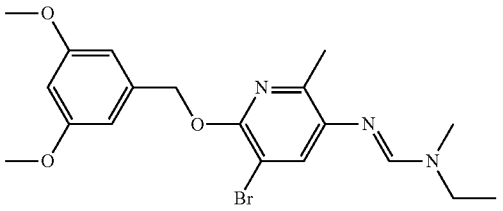
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.365		Method 1: 13.743 min; 466
Q.366		Method 1: 10.775 min; 328
Q.367		Method 1: 10.377 min; 314
Q.368		Method 1: 11.191 min; 312
Q.369		Mp 120-121° C.
Q.370		Method 1: 11.282 min; 423

TABLE Q-continued

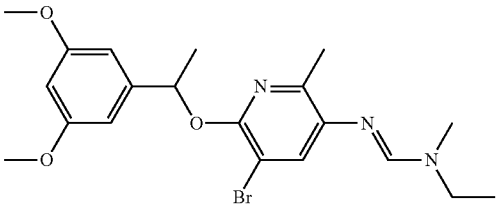
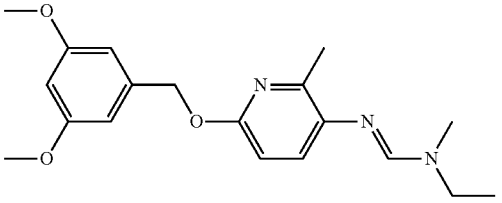
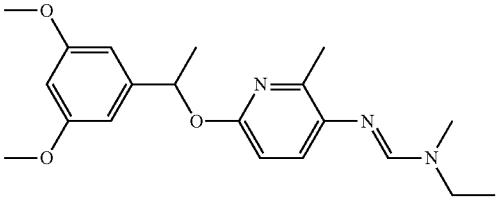
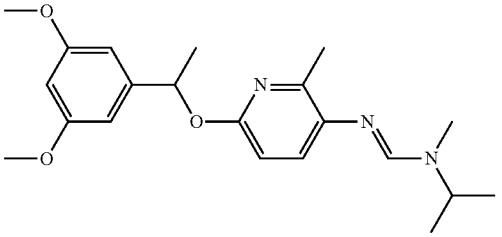
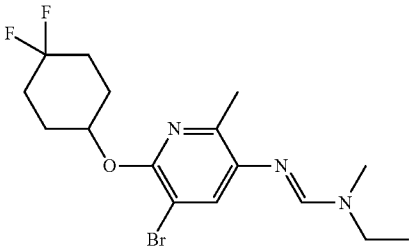
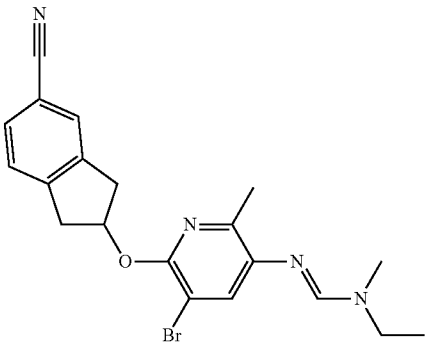
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.371		Method 1: 11.875 min; 272
Q.372		Method 1: 10.334 min; 344
Q.373		Method 1: 10.676 min; 358
Q.374		Method 1: 11.096 min; 372
Q.375		Method 1: 11.418 min; 390
Q.376		Method 1: 11.717 min; 413

TABLE Q-continued

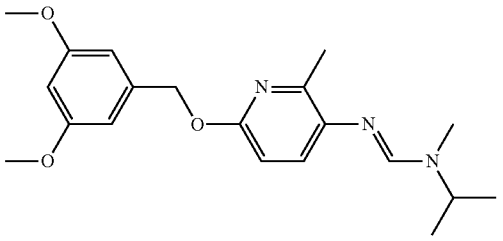
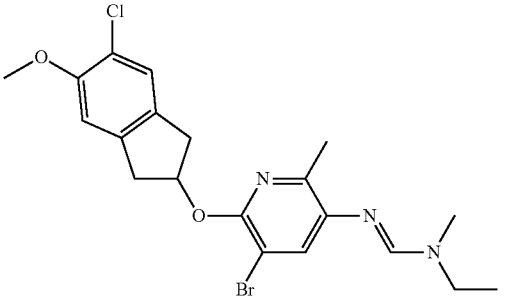
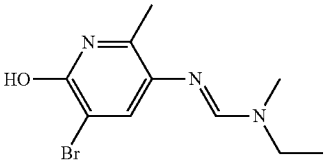
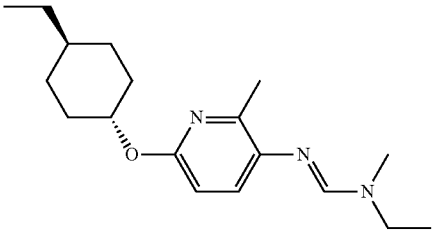
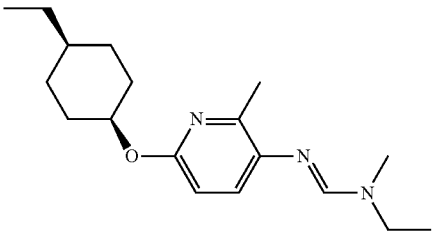
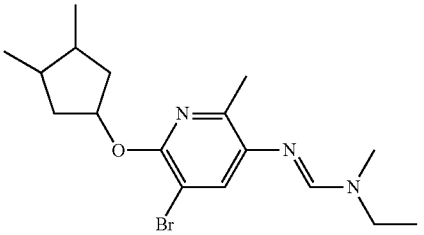
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.377		Method 1: 10.791 min; 358
Q.378		Method 1: 12.258 min; 452
Q.379		Mp 168-170° C.
Q.380		Method 1: 12.229 min; 304; Trans
Q.381		Method 1: 12.388 min; 305; Cis
Q.382		Method 1: 12.998 min; 368

TABLE Q-continued

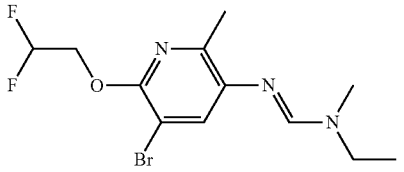
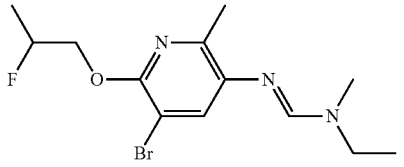
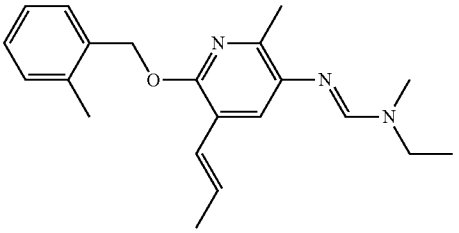
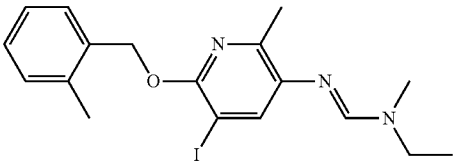
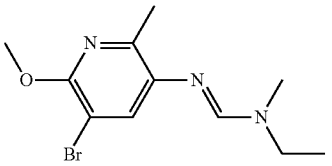
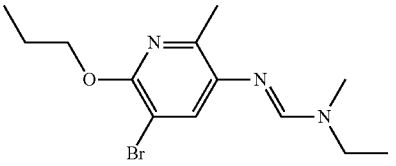
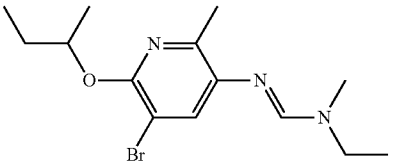
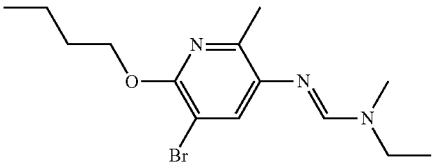
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.383		Method 6: 0.61 min; 336
Q.384		Method 6: 0.67 min; 332
Q.385		Method 3: 1.34 min; 338
Q.386		Method 3: 1.34 min; 424
Q.387		Method 6: 0.55 min; 286
Q.388		Method 6: 0.73 min; 314
Q.389		Method 6: 0.79 min; 328
Q.390		Method 6: 0.79 min; 328

TABLE Q-continued

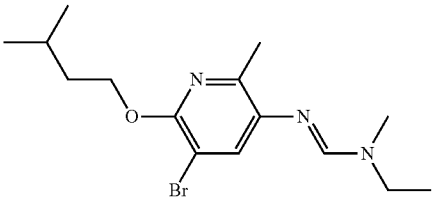
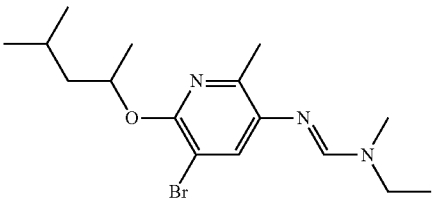
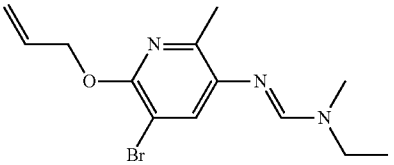
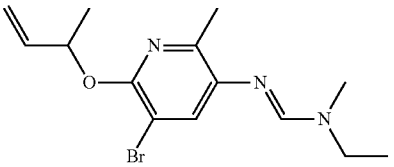
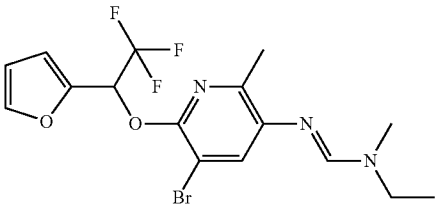
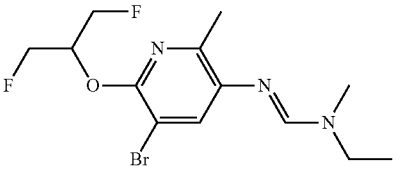
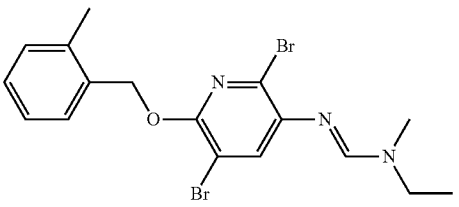
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.391		Method 6: 0.83 min; 342
Q.392		Method 6: 0.88 min; 356
Q.393		Method 6: 0.69 min; 312
Q.394		Method 6: 0.76 min; 326
Q.395		Method 6: 0.79 min; 420
Q.396		Method 6: 0.60 min; 350
Q.397		Method 6: 0.93 min; 442

TABLE Q-continued

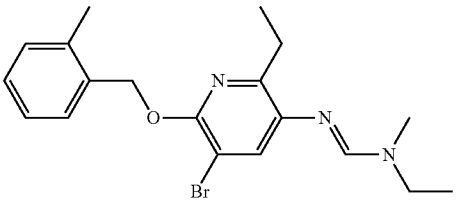
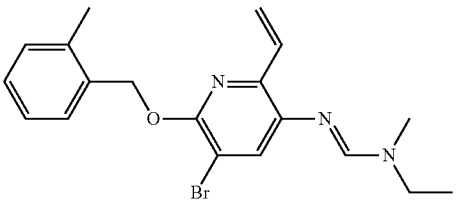
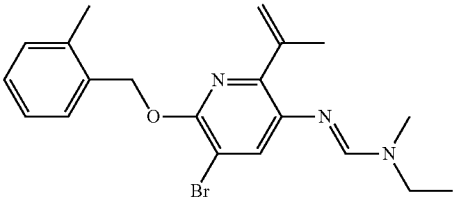
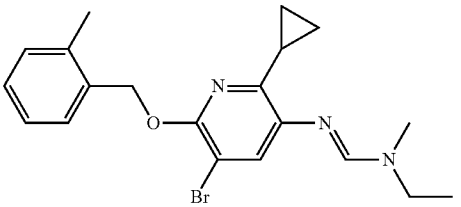
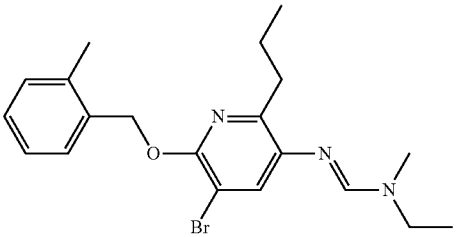
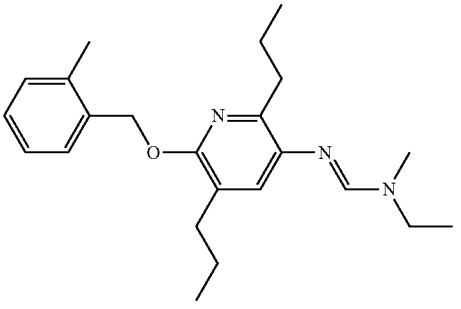
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.398		Method 6: 0.86 min; 392
Q.399		Method 6: 0.89 min; 390
Q.400		Method 6: 0.83 min; 404
Q.401		Method 6: 0.89 min; 404
Q.402		Method 6: 0.88 min; 406
Q.403		Method 6: 0.99 min; 369

TABLE Q-continued

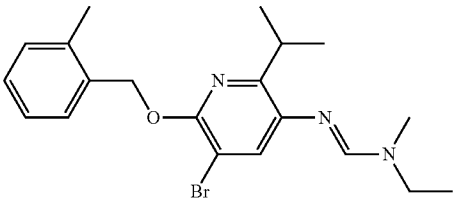
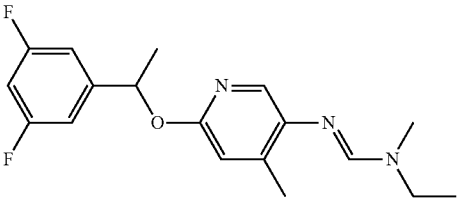
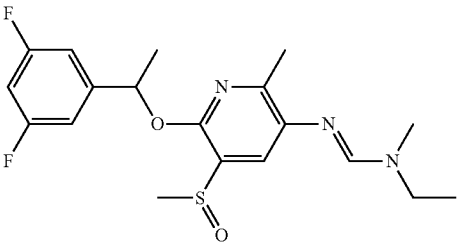
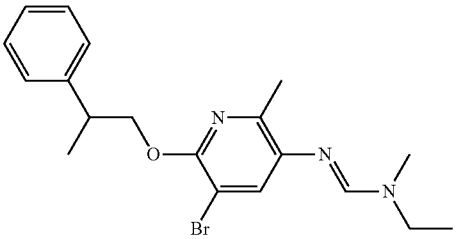
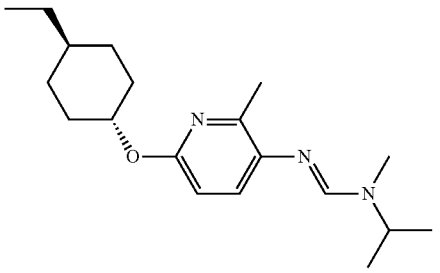
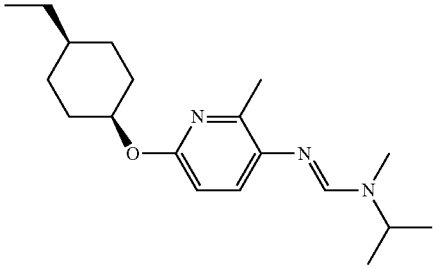
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.404		Method 6: 0.92 min; 406
Q.405		Method 6: 0.54 min; 334
Q.406		Method 1: 8.584 min; 396
Q.407		Method 1: 12.363 min; 392
Q.408		Method 1: 12.632 min; 319; Trans
Q.409		Method 1: 12.533 min; 319; Cis

TABLE Q-continued

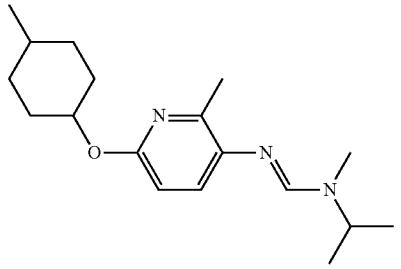
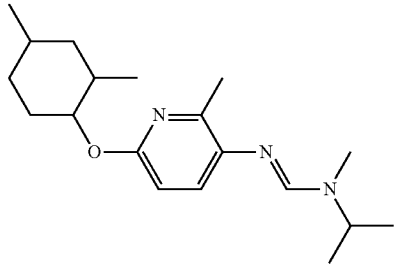
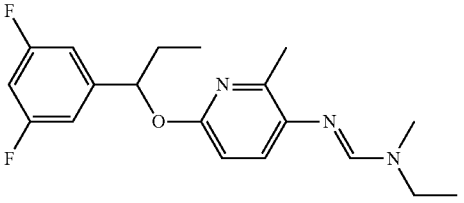
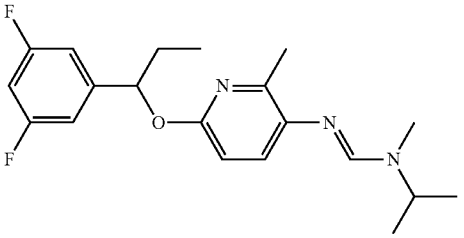
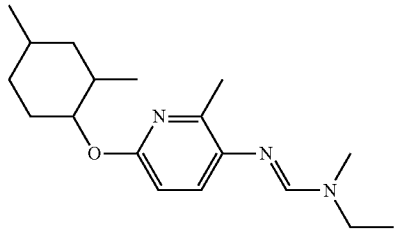
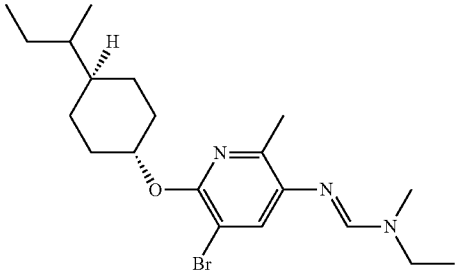
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.410		Method 1: 11.796 min; 304
Q.411		Method 1: 12.661 min; 318
Q.412		Method 1: 14.132 min; 348
Q.413		Method 1: 14.531 min; 362
Q.414		Method 1: 12.019 min; 304
Q.415		Mp 81-83° C.

TABLE Q-continued

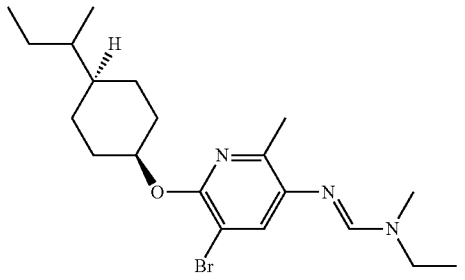
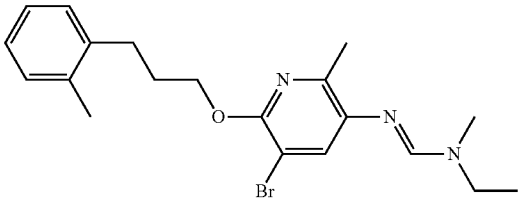
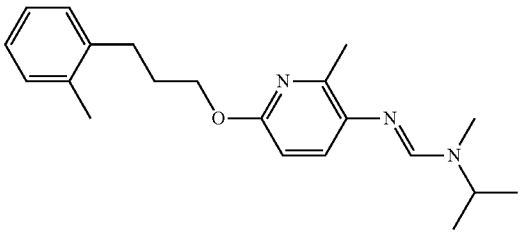
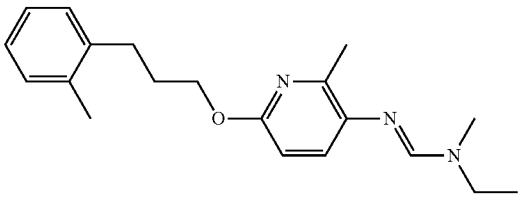
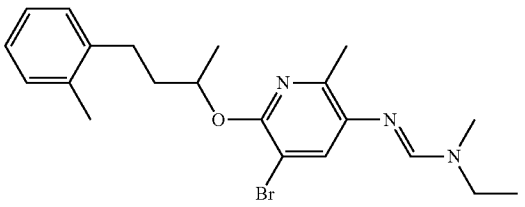
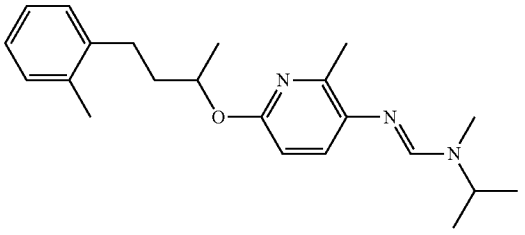
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.416		Method 1: 14.621 min; 410
Q.417		Method 1: 15.162 min; 404
Q.418		Method 1: 14.413 min; 340
Q.419		Method 1: 13.860 min; 326
Q.420		Method 1: 13.191 min; 418
Q.421		Method 1: 12.542 min; 354

TABLE Q-continued

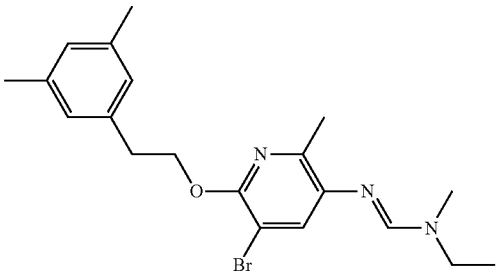
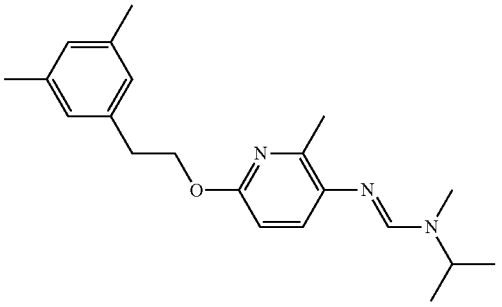
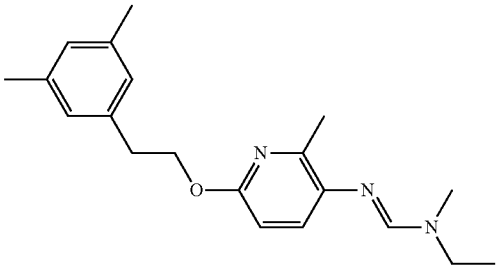
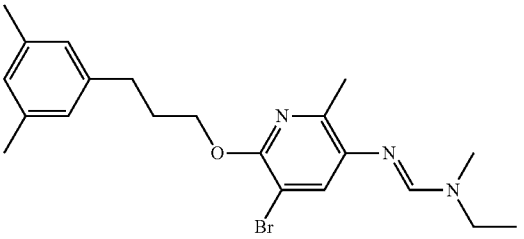
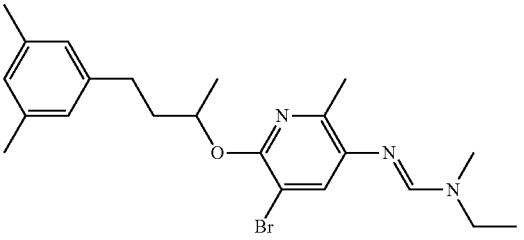
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.422		Mp 61-63° C.
Q.423		Method 1: 12.785 min; 340
Q.424		Method 1: 12.041 min; 326
Q.425		Method 1: 13.378 min; 418
Q.426		Method 1: 13.958 min; 432

TABLE Q-continued

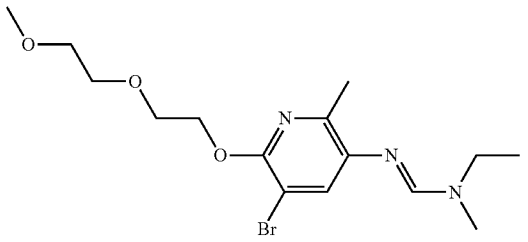
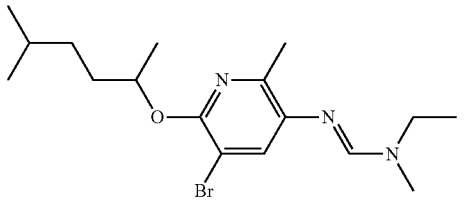
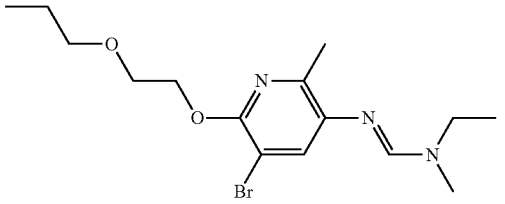
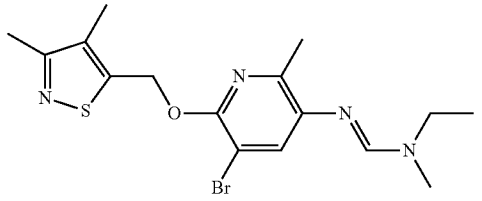
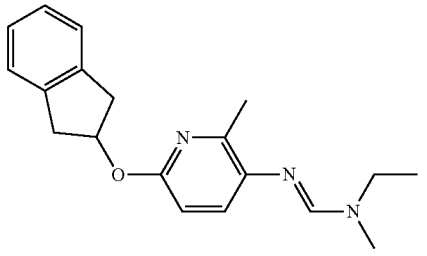
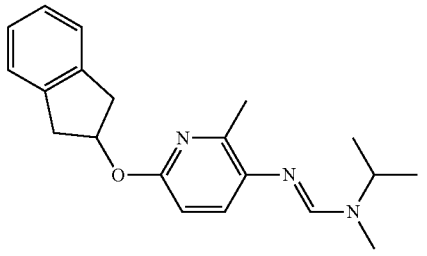
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.427		Method 1: 8.845 min; 374
Q.428		Method 1: 13.142 min; 370
Q.429		Method 1: 10.416 min; 358
Q.430		Mp 122-124° C.
Q.431		Method 1: 10.943 min; 310
Q.432		Method 1: 11.341 min; 324

TABLE Q-continued

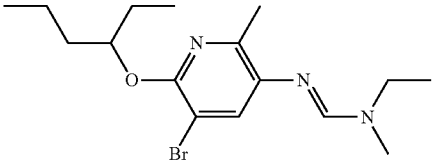
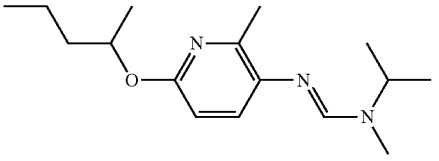
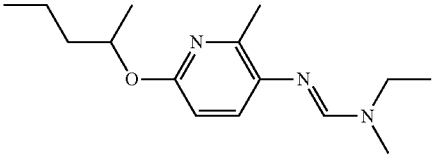
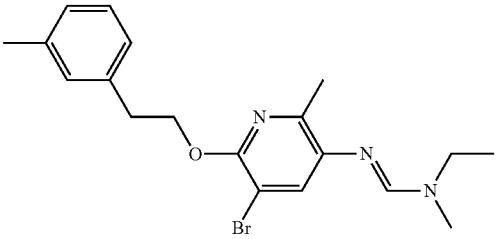
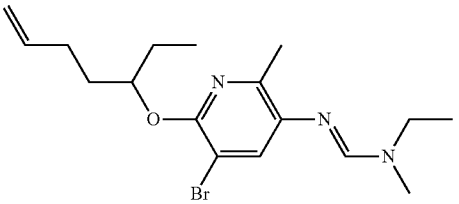
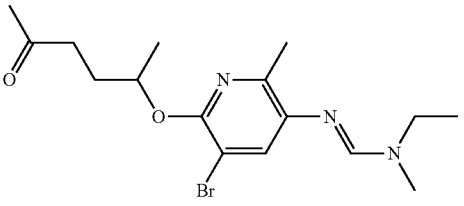
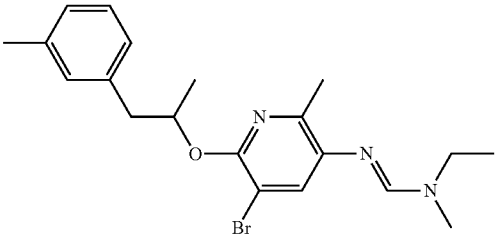
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.433		Method 1: 12.746 min; 356
Q.434		Method 1: 10.964 min; 278
Q.435		Method 1: 10.497 min; 264
Q.436		Method 1: 12.277 min; 390
Q.437		Method 1: 12.606 min; 368
Q.438		Method 1: 9.727 min; 370
Q.439		Method 1: 12.860 min; 404

TABLE Q-continued

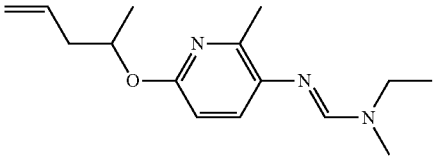
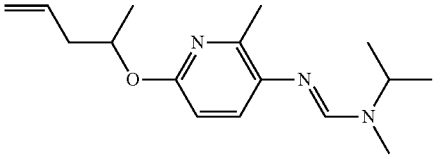
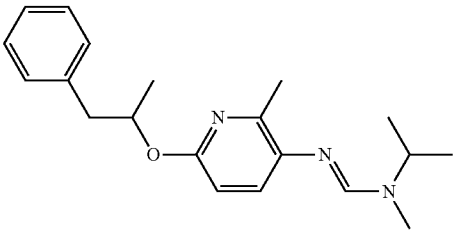
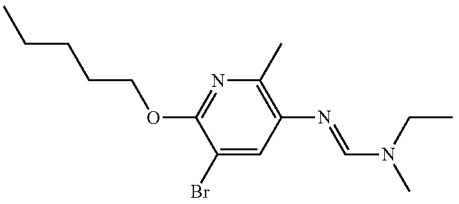
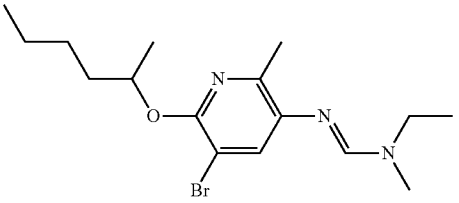
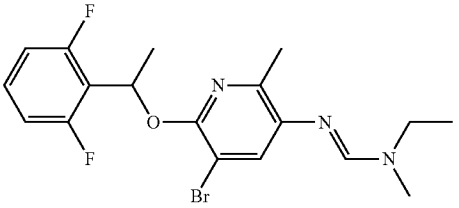
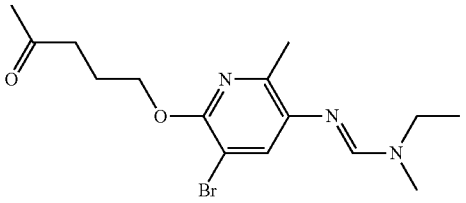
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.440		Method 1: 10.054 min; 262
Q.441		Method 1: 12.781 min; 276
Q.442		Method 1: 13.922 min; 326
Q.443		Method 1: 12.141 min; 342
Q.444		Method 1: 12.715 min; 356
Q.445		Method 1: 11.909 min; 412
Q.446		Method 1: 9.174 min; 356

TABLE Q-continued

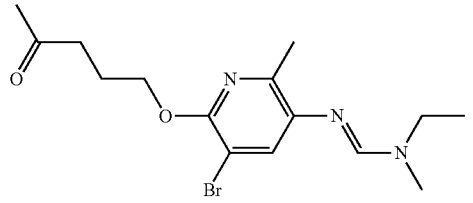
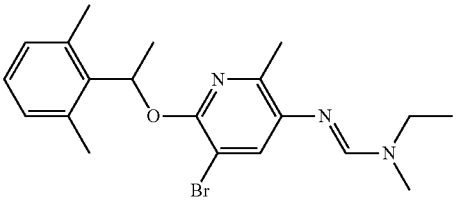
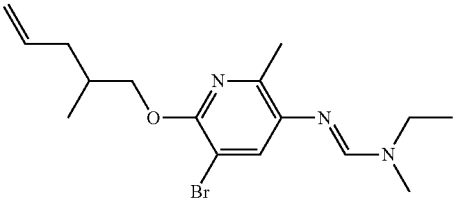
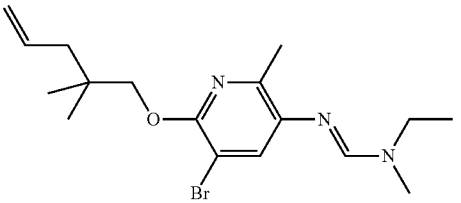
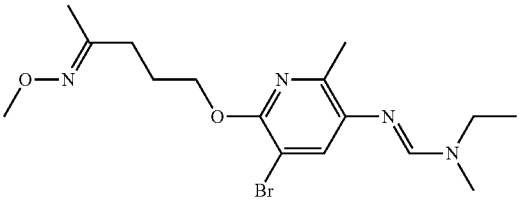
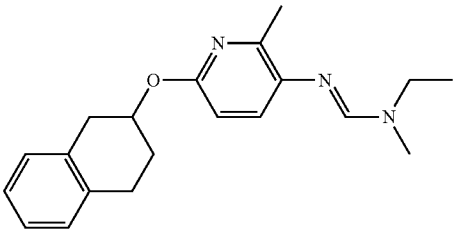
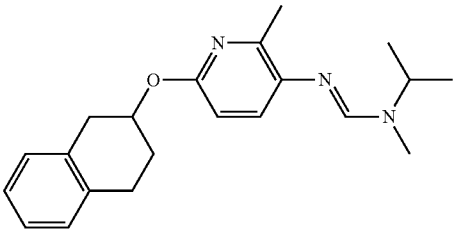
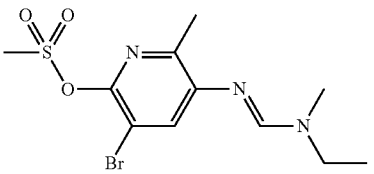
		LC-Method: R_t (min); MS-ESI (m/z; $(M + H)^+$)
Q.447		Method 1: 9.174 min; 356
Q.448		Mp 106-107° C.
Q.449		Method 1: 12.070 min; 354
Q.450		Method 1: 12.652 min; 368
Q.451		Method 1: 10.212 min; 385
Q.452		Method 1: 11.435 min; 324
Q.453		Method 1: 11.704 min; 338

TABLE Q-continued

		LC-Method: R_t (min); MS-ESI (m/z; $(M+H)^+$)
Q.454		Mp 85-87° C.

Biological Examples

Blumeria graminis f. sp. *tritici* (*Erysiphe graminis* f. sp. *tritici*)/Wheat/Leaf Disc Preventative (Powdery Mildew on Wheat)

Wheat leaf segments cv. Kanzler were placed on agar in a multiwell plate (24-well format) and sprayed with the formulated test compound diluted in water. The leaf disks were inoculated by shaking powdery mildew infected plants above the test plates 1 day after application. The inoculated leaf disks were incubated at 20° C. and 60% rh under a light regime of 24 h darkness followed by 12 h light/12 h darkness in a climate chamber and the activity of a compound was assessed as percent disease control compared to untreated when an appropriate level of disease damage appears on untreated check leaf segments (6-8 days after application).

The following compounds gave at 200 ppm give at least 50% disease control in this test when compared to untreated control leaf disks under the same conditions, which show extensive disease development:

Q.001, Q.004, Q.005, Q.006, Q.007, Q.010, Q.011, Q.012, Q.013, Q.014, Q.015, Q.016, Q.017, Q.018, Q.019, Q.020, Q.021, Q.022, Q.023, Q.024, Q.025, Q.026, Q.027, Q.028, Q.029, Q.030, Q.031, Q.032, Q.033, Q.034, Q.035, Q.036, Q.037, Q.038, Q.039, Q.040, Q.041, Q.042, Q.043, Q.044, Q.045, Q.046, Q.047, Q.048, Q.049, Q.050, Q.051, Q.052, Q.053, Q.054, Q.055, Q.057, Q.058, Q.059, Q.060, Q.062, Q.063, Q.064, Q.065, Q.066, Q.067, Q.068, Q.069, Q.070, Q.071, Q.072, Q.073, Q.074, Q.075, Q.076, Q.077, Q.078, Q.079, Q.080, Q.081, Q.082, Q.084, Q.085, Q.086, Q.087, Q.088, Q.089, Q.090, Q.091, Q.092, Q.093, Q.094, Q.095, Q.097, Q.098, Q.099, Q.100, Q.101, Q.102, Q.103, Q.104, Q.105, Q.106, Q.108, Q.109, Q.110, Q.111, Q.112, Q.113, Q.114, Q.115, Q.116, Q.117, Q.118, Q.119, Q.120, Q.121, Q.122, Q.123, Q.124, Q.125, Q.126, Q.127, Q.128, Q.129, Q.130, Q.131, Q.132, Q.133, Q.134, Q.135, Q.136, Q.140, Q.141, Q.142, Q.143, Q.144, Q.145, Q.146, Q.147, Q.148, Q.149, Q.151, Q.152, Q.153, Q.154, Q.155, Q.156, Q.158, Q.160, Q.161, Q.162, Q.163, Q.164, Q.165, Q.166, Q.167, Q.168, Q.170, Q.171, Q.172, Q.174, Q.175, Q.176, Q.177, Q.178, Q.179, Q.180, Q.181, Q.183, Q.184, Q.185, Q.186, Q.187, Q.188, Q.191, Q.192, Q.193, Q.195, Q.196, Q.197, Q.198, Q.199, Q.200, Q.201, Q.202, Q.203, Q.204, Q.205, Q.206, Q.207, Q.208, Q.209, Q.211, Q.212, Q.213, Q.214, Q.215, Q.216, Q.217, Q.218, Q.219, Q.220, Q.221, Q.222, Q.223, Q.224, Q.225, Q.226, Q.227, Q.228, Q.229, Q.230, Q.231, Q.233, Q.235, Q.238, Q.239, Q.240, Q.241, Q.242, Q.243, Q.244, Q.245, Q.246, Q.247, Q.248, Q.249, Q.250, Q.251, Q.255, Q.256, Q.260, Q.261, Q.262, Q.263, Q.265, Q.267, Q.269, Q.270, Q.271, Q.272, Q.273, Q.274, Q.275, Q.276, Q.277, Q.278, Q.280, Q.281, Q.282, Q.283, Q.284, Q.285, Q.286, Q.287, Q.288, Q.289, Q.290, Q.291, Q.292, Q.293, Q.294, Q.296, Q.297, Q.298, Q.299, Q.300, Q.301, Q.302, Q.303, Q.304, Q.305, Q.306, Q.307, Q.308, Q.309, Q.310, Q.312, Q.315, Q.316, Q.317, Q.318, Q.319, Q.320, Q.321, Q.322, Q.323, Q.324, Q.325, Q.326, Q.327, Q.329, Q.330, Q.331, Q.332, Q.333, Q.334, Q.335, Q.336, Q.337, Q.338, Q.339, Q.340, Q.341, Q.342, Q.343, Q.344, Q.345, Q.346, Q.347, Q.349, Q.350, Q.351, Q.352, Q.353, Q.354, Q.355, Q.356, Q.357, Q.358, Q.359, Q.360, Q.361, Q.364, Q.365, Q.367, Q.368, Q.369, Q.370, Q.371, Q.373, Q.374, Q.375, Q.376, Q.378, Q.380, Q.381, Q.382, Q.383, Q.384, Q.385, Q.386, Q.388, Q.389, Q.390, Q.391, Q.392, Q.393, Q.394, Q.397, Q.398, Q.400, Q.401

Puccinia recondita f. sp. *tritici*/Wheat/Leaf Disc Preventative (Brown Rust)

Wheat leaf segments cv. Kanzler were placed on agar in multiwell plates (24-well format) and sprayed with the formulated test compound diluted in water. The leaf disks were inoculated with a spore suspension of the fungus 1 day after application. The inoculated leaf segments were incubated at 19° C. and 75% rh under a light regime of 12 h light/12 h darkness in a climate cabinet and the activity of a compound was assessed as percent disease control compared to untreated when an appropriate level of disease damage appears in untreated check leaf segments (7-9 days after application).

The following compounds gave at 200 ppm gave at least 50% disease control in this test when compared to untreated control leaf disks under the same conditions, which show extensive disease development:

Q.001, Q.002, Q.003, Q.004, Q.005, Q.006, Q.007, Q.008, Q.009, Q.010, Q.011, Q.012, Q.013, Q.014, Q.015, Q.016, Q.017, Q.018, Q.019, Q.020, Q.021, Q.022, Q.023, Q.024, Q.025, Q.026, Q.027, Q.028, Q.029, Q.030, Q.031, Q.032, Q.033, Q.034, Q.035, Q.036, Q.037, Q.038, Q.039, Q.040, Q.041, Q.042, Q.043, Q.044, Q.045, Q.046, Q.047, Q.048, Q.049, Q.050, Q.051, Q.052, Q.053, Q.054, Q.055, Q.056, Q.057, Q.058, Q.059, Q.060, Q.061, Q.062, Q.063, Q.064, Q.065, Q.066, Q.067, Q.068, Q.069, Q.070, Q.071, Q.072, Q.073, Q.074, Q.075, Q.076, Q.077, Q.078, Q.079, Q.080, Q.081, Q.082, Q.083, Q.084, Q.085, Q.086, Q.087, Q.088, Q.089, Q.090, Q.091, Q.092, Q.093, Q.094, Q.095, Q.096, Q.097, Q.098, Q.099, Q.100, Q.101, Q.102, Q.103, Q.104, Q.105, Q.106, Q.107, Q.108, Q.109, Q.110, Q.111, Q.112, Q.113, Q.114, Q.115, Q.116, Q.117, Q.118, Q.119, Q.120, Q.121, Q.122, Q.123, Q.124, Q.125, Q.126, Q.127, Q.128, Q.129, Q.130, Q.131, Q.132, Q.133, Q.134, Q.135, Q.136, Q.137, Q.138, Q.140, Q.141, Q.142, Q.143, Q.144, Q.145, Q.146, Q.147, Q.148, Q.149, Q.150, Q.151, Q.152, Q.153, Q.154, Q.155, Q.156, Q.157, Q.158, Q.159, Q.160, Q.161,

Q.162, Q.163, Q.164, Q.165, Q.166, Q.167, Q.168, Q.169, Q.170, Q.171, Q.172, Q.173, Q.174, Q.175, Q.176, Q.177, Q.178, Q.179, Q.180, Q.181, Q.182, Q.183, Q.184, Q.185, Q.186, Q.187, Q.188, Q.189, Q.190, Q.191, Q.192, Q.193, Q.194, Q.195, Q.196, Q.197, Q.198, Q.199, Q.200, Q.201, Q.202, Q.203, Q.204, Q.205, Q.206, Q.207, Q.208, Q.209, Q.210, Q.211, Q.212, Q.213, Q.214, Q.215, Q.216, Q.217, Q.218, Q.219, Q.220, Q.221, Q.222, Q.223, Q.224, Q.225, Q.226, Q.227, Q.228, Q.229, Q.230, Q.231, Q.232, Q.233, Q.234, Q.235, Q.236, Q.237, Q.238, Q.239, Q.240, Q.241, Q.242, Q.243, Q.244, Q.245, Q.246, Q.247, Q.248, Q.249, Q.250, Q.251, Q.252, Q.253, Q.254, Q.255, Q.256, Q.257, Q.258, Q.259, Q.260, Q.261, Q.262, Q.263, Q.264, Q.265, Q.266, Q.267, Q.268, Q.269, Q.270, Q.271, Q.272, Q.273, Q.274, Q.275, Q.276, Q.277, Q.278, Q.279, Q.280, Q.281, Q.282, Q.283, Q.284, Q.285, Q.286, Q.287, Q.288, Q.289, Q.290, Q.291, Q.292, Q.293, Q.294, Q.295, Q.296, Q.297, Q.298, Q.299, Q.300, Q.301, Q.302, Q.303, Q.304, Q.305, Q.306, Q.307, Q.308, Q.309, Q.310, Q.311, Q.312, Q.313, Q.314, Q.315, Q.316, Q.317, Q.318, Q.319, Q.320, Q.321, Q.322, Q.323, Q.324, Q.325, Q.326, Q.327, Q.328, Q.329, Q.330, Q.331, Q.332, Q.333, Q.334, Q.335, Q.336, Q.337, Q.338, Q.339, Q.340, Q.341, Q.342, Q.343, Q.344, Q.345, Q.346, Q.347, Q.348, Q.349, Q.350, Q.351, Q.352, Q.353, Q.354, Q.355, Q.356, Q.357, Q.358, Q.359, Q.360, Q.361, Q.362, Q.363, Q.364, Q.365, Q.366, Q.367, Q.368, Q.369, Q.370, Q.371, Q.372, Q.373, Q.374, Q.375, Q.376, Q.377, Q.378, Q.379, Q.380, Q.381, Q.382, Q.383, Q.384, Q.385, Q.386, Q.387, Q.388, Q.389, Q.390, Q.391, Q.392, Q.393, Q.394, Q.397, Q.398, Q.400, Q.401

Puccinia recondita f. sp. *tritici*/Wheat/Leaf Disc Curative (Brown Rust)

Wheat leaf segments cv. Kanzler are placed on agar in multiwell plates (24-well format). The leaf segments are inoculated with a spore suspension of the fungus. Plates were stored in darkness at 19° C. and 75% rh. The formulated test compound diluted in water was applied 1 day after inoculation. The leaf segments were incubated at 19° C. and 75% rh under a light regime of 12 h light/12 h darkness in a climate cabinet and the activity of a compound was assessed as percent disease control compared to untreated when an appropriate level of disease damage appears in untreated check leaf segments (6-8 days after application).

The following compounds gave at 200 ppm gaive at least 50% disease control in this test when compared to untreated control leaf disks under the same conditions, which show extensive disease development:

Q.001, Q.004, Q.005, Q.006, Q.007, Q.010, Q.011, Q.012, Q.013, Q.014, Q.015, Q.016, Q.018, Q.019, Q.020, Q.021, Q.022, Q.023, Q.024, Q.025, Q.026, Q.027, Q.028, Q.029, Q.030, Q.031, Q.032, Q.033, Q.034, Q.035, Q.036, Q.037, Q.038, Q.039, Q.040, Q.041, Q.042, Q.043, Q.044, Q.045, Q.046, Q.047, Q.048, Q.049, Q.050, Q.051, Q.052, Q.053, Q.054, Q.055, Q.057, Q.058, Q.059, Q.060, Q.062, Q.063, Q.064, Q.065, Q.066, Q.067, Q.068, Q.069, Q.070, Q.071, Q.072, Q.073, Q.074, Q.075, Q.076, Q.077, Q.078, Q.079, Q.080, Q.081, Q.082, Q.084, Q.085, Q.086, Q.087, Q.088, Q.089, Q.090, Q.091, Q.092, Q.093, Q.094, Q.095, Q.096, Q.097, Q.098, Q.099, Q.100, Q.101, Q.102, Q.103, Q.104, Q.105, Q.106, Q.109, Q.110, Q.111, Q.112, Q.113, Q.114, Q.115, Q.116, Q.117, Q.118, Q.119, Q.120, Q.121, Q.122, Q.123, Q.124, Q.126, Q.127, Q.128, Q.129, Q.130, Q.131, Q.132, Q.133, Q.134, Q.135, Q.136, Q.140, Q.141, Q.143, Q.144, Q.145, Q.146, Q.147, Q.148, Q.149, Q.151, Q.152, Q.153, Q.154, Q.155, Q.156, Q.158, Q.159, Q.160, Q.161, Q.162, Q.163, Q.164, Q.165, Q.166, Q.167, Q.168, Q.169, Q.170, Q.171, Q.172, Q.174, Q.175, Q.176, Q.177, Q.178, Q.179, Q.180, Q.181, Q.182, Q.183, Q.184, Q.185, Q.186, Q.188, Q.191, Q.192, Q.193, Q.194, Q.195, Q.196, Q.197, Q.198, Q.199, Q.200, Q.201, Q.203, Q.204, Q.205, Q.206, Q.207, Q.208, Q.209, Q.211, Q.212, Q.213, Q.214, Q.215, Q.216, Q.217, Q.218, Q.219, Q.220, Q.221, Q.222, Q.223, Q.224, Q.225, Q.226, Q.227, Q.228, Q.229, Q.230, Q.231, Q.232, Q.233, Q.235, Q.236, Q.238, Q.239, Q.240, Q.241, Q.242, Q.243, Q.244, Q.246, Q.247, Q.248, Q.249, Q.250, Q.251, Q.253, Q.254, Q.255, Q.256, Q.257, Q.258, Q.260, Q.261, Q.262, Q.263, Q.265, Q.269, Q.270, Q.271, Q.273, Q.274, Q.275, Q.276, Q.277, Q.278, Q.279, Q.280, Q.281, Q.282, Q.283, Q.284, Q.285, Q.286, Q.287, Q.288, Q.289, Q.290, Q.291, Q.292, Q.293, Q.294, Q.296, Q.297, Q.298, Q.299, Q.300, Q.301, Q.302, Q.303, Q.304, Q.305, Q.306, Q.307, Q.308, Q.309, Q.310, Q.311, Q.315, Q.316, Q.317, Q.318, Q.319, Q.320, Q.321, Q.322, Q.323, Q.324, Q.325, Q.326, Q.327, Q.329, Q.330, Q.331, Q.332, Q.333, Q.334, Q.335, Q.336, Q.337, Q.338, Q.339, Q.340, Q.341, Q.342, Q.344, Q.345, Q.346, Q.347, Q.348, Q.349, Q.350, Q.351, Q.352, Q.353, Q.354, Q.355, Q.356, Q.357, Q.358, Q.359, Q.360, Q.361, Q.362, Q.363, Q.364, Q.365, Q.366, Q.367, Q.368, Q.369, Q.370, Q.371, Q.372, Q.373, Q.374, Q.375, Q.376, Q.377, Q.378, Q.380, Q.381, Q.382, Q.383, Q.384, Q.385, Q.386, Q.388, Q.389, Q.390, Q.391, Q.392, Q.393, Q.394, Q.397, Q.398, Q.400, Q.401

Pyrenophora teres/Barley/Leaf Disc Preventative (Net Blotch)

Barley leaf segments cv. Hasso were placed on agar in a multiwell plate (24-well format) and sprayed with the formulated test compound diluted in water. The leaf segments were inoculated with a spore suspension of the fungus 2 days after application. The inoculated leaf segments were incubated at 20° C. and 65% rh under a light regime of 12 h light/12 h darkness in a climate cabinet and the activity of a compound was assessed as disease control compared to untreated when an appropriate level of disease damage appears in untreated check leaf segments (5-7 days after application).

The following compounds gave at 200 ppm give at least 50% disease control in this test when compared to untreated control leaf disks under the same conditions, which show extensive disease development:

Q.001, Q.004, Q.005, Q.007, Q.011, Q.012, Q.013, Q.014, Q.015, Q.016, Q.018, Q.019, Q.020, Q.021, Q.022, Q.023, Q.024, Q.025, Q.026, Q.027, Q.028, Q.029, Q.032, Q.033, Q.034, Q.035, Q.038, Q.039, Q.041, Q.042, Q.043, Q.044, Q.046, Q.047, Q.052, Q.053, Q.054, Q.055, Q.057, Q.059, Q.062, Q.063, Q.066, Q.067, Q.069, Q.070, Q.071, Q.074, Q.075, Q.076, Q.079, Q.082, Q.086, Q.087, Q.088, Q.089, Q.090, Q.091, Q.093, Q.095, Q.097, Q.099, Q.100, Q.101, Q.102, Q.103, Q.105, Q.106, Q.110, Q.111, Q.113, Q.115, Q.116, Q.117, Q.118, Q.119, Q.120, Q.121, Q.122, Q.124, Q.125, Q.127, Q.128, Q.129, Q.131, Q.133, Q.136, Q.141, Q.143, Q.144, Q.146, Q.148, Q.153, Q.154, Q.155, Q.158, Q.160, Q.161, Q.162, Q.163, Q.164, Q.166, Q.167, Q.168, Q.169, Q.170, Q.174, Q.175, Q.176, Q.178, Q.180, Q.183, Q.184, Q.186, Q.191, Q.193, Q.195, Q.196, Q.197, Q.198, Q.199, Q.200, Q.201, Q.202, Q.203, Q.204, Q.206, Q.207, Q.208, Q.209, Q.211, Q.212, Q.214, Q.215, Q.216, Q.217, Q.218, Q.219, Q.220, Q.221, Q.222, Q.223, Q.224, Q.225, Q.226, Q.227, Q.228, Q.229, Q.231, Q.232, Q.233, Q.235, Q.236, Q.237, Q.238, Q.240, Q.241, Q.242, Q.243, Q.244, Q.245, Q.246, Q.247, Q.248, Q.249, Q.250, Q.251, Q.252, Q.253, Q.255, Q.256, Q.260, Q.261, Q.262, Q.269, Q.275, Q.277, Q.278, Q.280, Q.282, Q.284, Q.285, Q.286, Q.289, Q.291, Q.292, Q.293, Q.298, Q.299, Q.301, Q.302, Q.304, Q.308, Q.311, Q.315, Q.316, Q.320, Q.322, Q.324, Q.326, Q.329, Q.334, Q.335, Q.336, Q.337, Q.340, Q.344, Q.346, Q.349, Q.352, Q.353, Q.354, Q.355, Q.357, Q.358, Q.361,

Q.363, Q.364, Q.366, Q.370, Q.371, Q.375, Q.376, Q.377, Q.378, Q.380, Q.382, Q.386, Q.389, Q.390, Q.391, Q.392, Q.393, Q.394, Q.398, Q.400

In the following Tables 'Activity (%)' means the assessed experimental activity (% disease control in this test when compared to untreated control leaf disks under the same conditions, which show extensive disease development) and "P" is the expected value calculated (expected) activity according to the COLBY formula (see above). The column headed 'S?' indicates whether or not synergy was observed, with 'y' meaning that synergy was observed.

In the following tables, compound (V) is N-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide, compound (VI) is 3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-pyrazole-4-carboxamide, compound (VII) is [3-(4-chloro-2-fluoro-phenyl)-5-(2,4-difluoro-phenyl)-isoxazol-4-yl]-pyridin-3-yl-methanol.

Monographella nivalis (syn. *Microdochium nivale, Fusarium nivale*), snow mould, foot rot of cereals

Conidia of the fungus from cryogenic storage were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and activity was determined visually after 72 hrs

Q.135 rate ppm	Compound (V) rate ppm	Activity (%)	P	S?
0.0625		20		
0.03125		0		
0.015625		0		
0.0078125		0		
	0.0625	50		
	0.03125	0		
0.0625	0.03125	50	20	y
0.03125	0.03125	50	0	y
0.03125	0.0625	70	50	y
0.015625	0.03125	20	0	y
0.015625	0.0625	70	50	y
0.0078125	0.03125	70	0	y

Q.135 rate ppm	Metconazole rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		0		
	0.25	0		
	0.125	0		
	0.0625	0		
	0.03125	0		
	0.015625	0		
0.0625	0.25	100	70	y
0.0625	0.125	100	70	y
0.0625	0.0625	100	70	y
0.0625	0.03125	100	70	y
0.0625	0.015625	100	70	y
0.03125	0.125	100	0	y
0.03125	0.0625	70	0	y
0.03125	0.03125	50	0	y
0.03125	0.015625	20	0	y

Q.135 rate ppm	cis-Jasmone rate ppm	Activity (%)	P	S?
0.0625		50		
0.03125		0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
0.0625	1.25	100	50	y
0.0625	0.625	90	50	y
0.0625	0.3125	100	50	y
0.0625	0.15625	100	50	y
0.03125	1.25	100	0	y
0.03125	0.625	50	0	y
0.03125	0.3125	20	0	y

-continued

Q.135 rate ppm	2,4-D rate ppm	Activity (%)	P	S?
0.625		50		
0.3125		0		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
0.625	2.5	100	50	y
0.625	1.25	90	50	y
0.625	0.625	90	50	y
0.625	0.3125	90	50	y
0.625	0.15625	100	50	y
0.3125	1.25	20	0	y

Q.135 rate ppm	Azoxystrobin rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		0		
	0.00625	70		
	0.003125	20		
	0.0015625	0		
0.125	0.003125	90	70	y
0.0625	0.00625	100	70	y
0.0625	0.0015625	20	0	y

Q.135 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
0.03125		20		
	0.125	0		
	0.0625	0		
	0.03125	0		
	0.015625	0		
	0.0078125	0		
0.03125	0.125	100	20	y
0.03125	0.0625	90	20	y
0.03125	0.03125	90	20	y
0.03125	0.015625	70	20	y
0.03125	0.0078125	90	20	y

Q.135 rate ppm	Bicyclopyrone rate ppm	Activity (%)	P	S?
0.0625		20		
0.03125		0		
	0.3125	0		
	0.15625	0		
	0.078125	0		
0.0625	0.15625	90	20	y
0.03125	0.078125	20	0	y
0.0625	0.3125	70	20	y

Q.135 rate ppm	Abamectin rate ppm	Activity (%)	P	S?
0.0625		20		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
0.0625	0.15625	70	20	y
0.0625	0.3125	50	20	y
0.0625	0.625	20	20	y
0.0625	1.25	50	20	y
0.0625	2.5	100	20	y

-continued

Q.135 rate ppm	Thiamethoxam rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		20		
	5	0		
	2.5	0		
	0.625	0		
	0.3125	0		
0.125	0.3125	100	70	y
0.125	0.625	90	70	y
0.0625	0.3125	50	20	y
0.125	0.25	90	70	y
0.125	0.5	100	70	y
0.0625	0.25	70	20	y

Q.135 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		0		
	0.25	0		
	0.125	0		
	0.0625	0		
	0.03125	0		
	0.015625	0		
0.0625	0.015625	90	70	y
0.0625	0.03125	100	70	y
0.0625	0.0625	100	70	y
0.03125	0.015625	50	0	y
0.03125	0.03125	20	0	y
0.0625	0.125	100	70	y
0.03125	0.0625	50	0	y
0.0625	0.25	100	70	y
0.03125	0.125	70	0	y

Q.135 rate ppm	Glufosinate rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		0		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
0.0625	0.3125	90	70	y
0.0625	0.625	70	70	
0.0625	1.25	90	70	y
0.03125	0.625	20	0	y
0.0625	2.5	90	70	y
0.03125	1.25	20	0	y

Q.135 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
0.0625		70		
	0.25	0		
	0.125	0		
	0.0625	0		
	0.03125	0		
0.0625	0.25	100	70	y
0.0625	0.125	90	70	y
0.0625	0.0625	90	70	y
0.0625	0.03125	90	70	y

Q.135 rate ppm	Trinexapacethyl rate ppm	Activity (%)	P	S?
0.0625		50		
0.03125		0		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.12625	0		
0.0625	2.5	100	50	y
0.0625	1.25	90	50	y
0.0625	0.625	70	50	y
0.0625	0.3125	90	50	y
0.0625	0.15625	90	50	y
0.03125	1.25	20	0	y

-continued

Q.135 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		0		
0.015625		0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
0.0625	1.25	100	70	y
0.0625	0.625	100	70	y
0.0625	0.3125	100	70	y
0.0625	0.15625	100	70	y
0.03125	1.25	100	0	y
0.03125	0.625	100	0	y
0.03125	0.3125	50	0	y
0.03125	0.15625	20	0	y
0.015625	0.625	20	0	y

Q.135 rate ppm	Pyraclostrobin rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		0		
	0.003125	0		
	0.0015625	0		
0.125	0.003125	90	70	y
0.0625	0.003125	20	0	y
0.0625	0.0015625	20	0	y

Q.135 rate ppm	Mandipropamid rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		20		
0.03125		0		
	0.0625	0		
	0.03125	0		
0.125	0.0625	90	70	y
0.125	0.03125	90	70	y
0.0625	0.0625	20	20	
0.03125	0.0625	50	0	y

Q.135 rate ppm	Carbendazim rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		20		
	0.0625	0		
	0.03125	0		
	0.015625	0		
0.125	0.0625	90	70	y
0.0625	0.03125	50	20	y
0.0625	0.015625	50	20	y

Q.135 rate ppm	Copper hydroxide rate ppm	Activity (%)	P	S?
0.125		70		
0.0625		20		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
0.125	0.3125	100	70	y
0.125	0.625	100	70	y
0.125	1.25	100	70	y
0.0625	0.15625	70	20	y
0.0625	0.3125	70	20	y
0.125	2.5	100	70	y
0.125	5	100	70	y

-continued

Q.135 rate ppm	Manganese oxide rate ppm	Activity (%)	P	S?
0.0625		20		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
0.0625	0.15625	70	20	y
0.0625	0.3125	50	20	y
0.0625	0.625	20	20	
0.0625	1.25	70	20	y
0.0625	2.5	90	20	y

Q.135 rate ppm	Mesotrione rate ppm	Activity (%)	P	S?
0.0625		20		
0.03125		0		
	2.5	0		
	1.25	0		
	0.625	0		
	0.3125	0		
	0.15625	0		
	0.078125	0		
0.0625	0.15625	70	20	y
0.0625	0.3125	70	20	y
0.0625	0.625	50	20	y
0.03125	0.078125	20	0	y
0.03125	0.15625	20	0	y
0.03125	0.3125	0	0	y
0.0625	1.25	70	20	y
0.03125	0.625	20	0	y
0.0625	2.5	90	20	y
0.03125	1.25	20	0	y

Q.135 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		0		
	0.0125	0		
	0.00625	0		
	0.003125	0		
	0.0015625	0		
0.0625	0.0015625	100	70	y
0.0625	0.003125	100	70	y
0.0625	0.00625	100	70	y
0.03125	0.0015625	20	0	y
0.03125	0.003125	20	0	y
0.0625	0.0125	100	70	y
0.03125	0.00625	100	0	y
0.03125	0.0125	100	0	y

Q.113 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		70		
1		20		
0.5		20		
0.25		0		
	2	0		
	1	0		
	0.5	0		
	0.25	0		
2	2	100	70	y
2	1	100	70	y
2	0.5	90	70	y
1	2	90	20	y
1	1	70	20	y
1	0.5	70	20	y
1	0.25	50	20	y
0.5	2	50	20	y
0.25	1	20	0	y

-continued

Q.113 rate ppm	Metconazole rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
0.125		0		
	1	20		
	0.5	0		
	0.25	0		
	0.125	0		
1	1	100	60	y
1	0.5	100	50	y
1	0.25	100	50	y
0.5	1	100	36	y
0.5	0.5	100	20	y
0.5	0.25	90	20	y
0.5	0.125	50	20	y
0.25	1	100	20	y
0.25	0.5	70	0	y
0.25	0.25	50	0	y
0.25	0.125	20	0	y
0.125	0.5	50	0	y
0.125	0.25	20	0	y
0.125	0.125	20	0	y

Q.113 rate ppm	Penflufen rate ppm	Activity (%)	P	S?
1		20		
0.5		2		
0.25		2		
0.125		2		
	1	20		
	0.5	0		
1	1	50	36	y
0.5	1	50	20	y
0.5	0.5	20	0	y
0.25	1	50	20	y
0.25	0.5	20	0	y
0.125	0.5	20	0	y

Q.113 rate ppm	Bixafen rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
	0.25	20		
0.25	0.25	50	20	y
0.125	0.25	50	20	y
0.0625	0.25	50	20	y

Q.113 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
0.5		20		
0.25		0		
	1	20		
	0.5	0		
	0.25	0		
	0.125	0		
	0.0625	0		
0.5	1	700	36	y
0.5	0.5	100	20	y
0.5	0.25	100	20	y
0.5	0.125	100	20	y
0.25	1	100	20	y
0.25	0.5	90	0	y
0.25	0.25	70	0	y
0.25	0.125	20	0	y
0.25	0.0625	20	0	y

Q.113 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		

-continued

0.125		0		
	0.0125	0		
0.5	0.0125	90	0	y
0.25	0.0125	50	0	y
0.125	0.0125	20	0	y

Q.113 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
2		70		
1		20		
0.5		0		
0.25		0		
	1	20		
	0.5	0		
	0.25	0		
	0.125	0		
2	0.5	100	70	y
2	1	100	76	y
1	0.25	90	20	y
1	0.5	100	20	y
1	1	100	36	y
0.5	0.125	20	0	y
0.5	0.25	50	0	y
0.5	0.5	90	0	y
0.25	0.125	20	0	y
0.25	0.25	20	0	y
0.5	1	100	20	y
0.25	0.5	50	0	y
0.25	1	90	20	y

Q.113 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
0.125		0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
1	10	100	50	y
1	5	100	50	y
1	2.5	90	50	y
0.5	10	70	20	y
0.5	5	70	20	y
0.5	2.5	50	20	y
0.5	1.25	50	20	y
0.25	10	50	0	y
0.25	5	50	0	y
0.25	2.5	50	0	y
0.25	1.25	20	0	y
0.125	5	20	0	y
0.125	2.5	20	0	y

Q.113 rate ppm	Azoxystrobin rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.00625	50		
0.25	0.00625	70	50	y
0.125	0.00625	70	50	y
0.0625	0.00625	50	50	
0.03125	0.00625	100	50	y

Q.113 rate ppm	Cyprodinil rate ppm	Activity (%)	P	S?
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.003125	20		
	0.0015625	0		
0.015625	0.003125	50	20	y
0.0078125	0.0015625	20	0	y

-continued

0.0078125	0.003125	50	20	y
0.00390625	0.0015625	20	0	y

Q.113 rate ppm	Abamectin rate ppm	Activity (%)	P	S?
2		70		
1		20		
0.5		0		
	20	50		
	10	0		
	5	0		
2	10	100	70	y
1	5	50	20	y
2	20	100	85	y
1	10	50	20	y
1	20	100	60	y
0.5	10	20	0	y
0.5	20	70	50	y

Q.113 rate ppm	Mesotrione rate ppm	Activity (%)	P	S?
1		20		
0.5		0		
	5	0		
	2.5	0		
1	2.5	50	20	y
1	5	50	20	y
0.5	2.5	20	0	y

Q.062 rate ppm	Compound (V) rate ppm	Activity (%)	P	S?
0.0625		0		
0.03125		0		
0.015625		0		
	0.125	70		
	0.0625	50		
	0.03125	0		
0.0625	0.125	100	70	y
0.03125	0.0625	70	50	y
0.015625	0.03125	20	0	y
0.03125	0.125	90	70	y
0.015625	0.0625	70	50	y

Q.062 rate ppm	Compound (VI) rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
	0.125	50		
	0.0625	0		
0.03125	0.125	70	50	y
0.03125	0.0625	20	0	y
0.015625	0.0625	20	0	y

Q.062 rate ppm	Chlorothalonil rate ppm	Activity (%)	P	S?
0.5		50		
0.25		20		
0.125		0		
	0.125	70		
	0.0625	20		
	0.03125	0		
0.25	0.0625	50	36	y
0.5	0.125	100	85	y
0.125	0.0625	50	20	y
0.125	0.03125	20	0	y

Q.062 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
0.5		50		
0.25		20		

-continued

0.125		0		
	0.5	0		
	0.25	0		
	0.125	0		
	0.0625	0		
0.5	0.5	90	50	y
0.5	0.25	90	50	y
0.5	0.125	90	50	y
0.25	0.5	50	20	y
0.25	0.25	50	20	y
0.25	0.125	50	20	y
0.25	0.0625	50	20	y
0.125	0.5	20	0	y
0.125	0.25	20	0	y
0.125	0.125	20	0	y
0.125	0.0625	20	0	y

Q.062 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
0.5		70		
0.25		20		
0.125		0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
0.5	10	100	70	y
0.5	5	100	70	y
0.5	2.5	100	70	y
0.5	1.25	100	70	y
0.25	10	100	20	y
0.25	5	100	20	y
0.25	2.5	90	20	y
0.25	1.25	70	20	y
0.25	0.625	70	20	y
0.125	5	70	0	y
0.125	2.5	70	0	y
0.125	1.25	50	0	y
0.125	0.625	20	0	y

Q.062 rate ppm	cis-Jasmone rate ppm	Activity (%)	P	S?
0.25		20		
0.125		0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
0.25	5	50	20	y
0.25	2.5	50	20	y
0.25	1.25	50	20	y
0.25	0.625	50	20	y
0.125	5	50	0	y
0.125	2.5	50	0	y
0.125	1.25	50	0	y

Q.062 rate ppm	Penflufen rate ppm	Activity (%)	P	S?
2		20		
1		0		
0.5		0		
0.25		0		
	1	20		
	0.5	0		
2	1	50	36	y
1	0.5	20	0	y
0.5	1	50	20	y
0.25	0.5	20	0	y

-continued

Q.062 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
2		20		
1		0		
	2	20		
	1	0		
	0.5	0		
	0.25	0		
2	2	100	36	y
2	1	90	20	y
2	0.5	70	20	y
1	2	70	20	y
1	1	50	0	y
1	0.5	20	0	y
1	0.25	20	0	y

Q.062 rate ppm	Abamectin rate ppm	Activity (%)	P	S?
1		70		
0.5		50		
	20	50		
	10	0		
	5	0		
1	5	90	70	y
1	10	100	70	y
1	20	100	85	y
0.5	10	70	50	y
0.5	20	100	75	y

Q.062 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
0.5		50		
0.25		20		
0.125		0		
0.0625		0		
	1	20		
	0.5	0		
	0.25	0		
	0.125	0		
	0.0625	0		
0.5	0.125	70	50	y
0.5	0.25	100	50	y
0.5	0.5	100	50	y
0.25	0.125	50	20	y
0.25	0.25	70	20	y
0.5	1	100	60	y
0.125	0.0625	20	0	y
0.125	0.125	20	0	y
0.25	0.5	100	20	y
0.125	0.25	50	0	y
0.0625	0.125	20	0	y
0.25	1	100	36	y
0.125	0.5	70	0	y
0.0625	0.25	20	0	y

Q.062 rate ppm	Metconazole rate ppm	Activity (%)	P	S?
0.5		50		
0.25		20		
0.125		0		
0.0625		0		
	1	20		
	0.5	0		
	0.25	0		
	0.125	0		
	0.0625	0		
0.5	1	100	60	y
0.5	0.5	100	50	y
0.5	0.25	70	50	y
0.5	0.125	100	50	y
0.25	1	100	36	y
0.25	0.5	100	20	y
0.25	0.25	90	20	y
0.25	0.125	20	20	
0.25	0.0625	50	20	y

-continued

0.125	0.5	90	0	y
0.125	0.25	50	0	y
0.125	0.125	20	0	y
0.0625	0.25	20	0	y

Q.062 rate ppm	Trinexapacethyl rate ppm	Activity (%)	P	S?
0.5		70		
0.25		20		
0.125		0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
0.5	5	90	70	y
0.5	2.5	90	70	y
0.5	1.25	90	70	y
0.25	5	50	20	y
0.25	1.25	50	20	y
0.25	0.625	50	20	y
0.125	5	20	0	y
0.125	2.5	20	0	y

Q.062 rate ppm	2,4-D rate ppm	Activity (%)	P	S?
0.5		70		
0.25		20		
0.125		0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
0.5	10	90	70	y
0.5	5	90	70	y
0.5	2.5	90	70	y
0.5	1.25	90	70	y
0.25	10	50	20	y
0.25	5	50	20	y
0.25	2.5	50	20	y
0.25	1.25	50	20	y
0.25	0.625	50	20	y
0.125	5	20	0	y
0.125	2.5	20	0	y
0.125	1.25	20	0	y

Q.062 rate ppm	Pyraclostrobin rate ppm	Activity (%)	P	S?
0.0625		0		
0.03125		0		
0.015625		0		
	0.0125	50		
	0.00625	0		
0.0625	0.0125	70	50	y
0.03125	0.0125	70	50	y
0.03125	0.00625	20	0	y
0.015625	0.00625	20	0	y

Q.062 rate ppm	Mesotrione rate ppm	Activity (%)	P	S?
1		70		
	20	0		
	10	0		
	5	0		
1	5	90	70	y
1	10	90	70	y
1	20	90	70	y

Q.062 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		50		
0.25		20		
0.125		0		
0.0625		0		
	0.0125	0		
0.5	0.0125	100	50	y
0.25	0.0125	100	20	y
0.125	0.0125	50	0	y
0.0625	0.0125	20	0	y

Q.062 rate ppm	Glufosinate rate ppm	Activity (%)	P	S?
0.125		0		
	5	0		
	2.5	0		
	1.25	0		
0.125	1.25	20	0	y
0.125	2.5	20	0	y
0.125	5	20	0	y

Botrytis cinerea (Gray mould)

Conidia of the fungus from cryogenic storage were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and the activity was determined visually after 72 hrs.

Q.135 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	50		
	0.03125	20		
	0.015625	20		
	0.0078125	0		
0.03125	0.0625	70	50	y
0.015625	0.03125	50	20	y
0.0078125	0.015625	50	20	y
0.00390625	0.0078125	20	0	y
0.015625	0.0625	70	50	y
0.0078125	0.03125	50	20	y
0.00390625	0.015625	50	20	y

Q.135 rate ppm	Compound (V) rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
	0.125	70		
	0.0625	70		
	0.03125	50		
	0.015625	20		
0.015625	0.03125	70	50	y
0.0078125	0.015625	50	20	y
0.03125	0.125	90	70	y
0.015625	0.0625	70	70	
0.0078125	0.03125	70	50	y

Q.135 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
0.125		0		
	1	0		
	0.5	0		
	0.25	0		
	0.125	0		
1	1	100	50	y
1	0.5	100	50	y

-continued

1	0.25	100	50	y
0.5	1	90	20	y
0.5	0.5	90	20	y
0.5	0.25	90	20	y
0.5	0.125	70	20	y
0.25	1	70	0	y
0.25	0.5	50	0	y
0.25	0.25	50	0	y
0.25	0.125	50	0	y
0.125	0.5	20	0	y

Q.135 rate ppm	Metconazole rate ppm	Activity (%)	P	S?
0.125		0		
0.0625		0		
0.03125		0		
	0.03125	0		
	0.015625	0		
0.125	0.03125	70	0	y
0.0625	0.03125	50	0	y
0.0625	0.015625	20	0	y
0.03125	0.03125	50	0	y

Q.135 rate ppm	cis-Jasmone rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
1	5	90	50	y
1	2.5	90	50	y
0.5	2.5	50	20	y
0.5	1.25	50	20	y
0.25	1.25	20	0	y
0.25	0.625	20	0	y

Q.135 rate ppm	2,4-D rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
	10	0		
	5	0		
	2.5	0		
1	10	90	50	y
1	5	100	50	y
1	2.5	90	50	y
0.5	10	50	20	y
0.5	5	50	20	y
0.5	2.5	50	20	y
0.5	1.25	50	20	y

Q.135 rate ppm	Pyraclostrobin rate ppm	Activity (%)	P	S?
1		20		
0.5		0		
0.25		0		
	0.2	20		
	0.1	0		
	0.05	0		
	0.025	0		
1	0.2	70	36	y
1	0.1	50	20	y
1	0.05	50	20	y
1	0.025	50	20	y
0.5	0.2	50	20	y
0.5	0.1	50	0	y
0.5	0.05	20	0	y
0.5	0.025	20	0	y
0.25	0.1	20	0	y
0.25	0.05	20	0	y

-continued

Q.135 rate ppm	Picoxystrobin rate ppm	Activity (%)	P	S?
1		20		
0.5		0		
0.25		0		
0.125		0		
	2	50		
	1	50		
	0.5	50		
	0.25	50		
1	2	90	60	y
1	1	90	60	y
1	0.5	90	60	y
0.5	2	90	50	y
0.5	1	70	50	y
0.5	0.5	70	50	y
0.5	0.25	70	50	y
0.25	1	70	50	y
0.25	0.58	70	50	y
0.25	0.25	70	50	y
0.125	0.5	70	50	y
0.125	0.25	70	50	y

Q.135 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
0.125		0		
0.0625		0		
	0.25	0		
	0.125	0		
	0.0625	0		
1	0.25	100	50	y
0.5	0.25	100	20	y
0.5	0.125	100	20	y
0.25	0.25	100	0	y
0.25	0.125	100	0	y
0.25	0.0625	90	0	y
0.125	0.25	100	0	y
0.125	0.125	100	0	y
0.125	0.0625	70	0	y
0.0625	0.25	90	0	y
0.0625	0.125	70	0	y
0.0625	0.0625	20	0	y

Q.135 rate ppm	Bicyclopyrone rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
	5	0		
	2.5	0		
	1.25	0		
1	2.5	70	50	y
1	5	70	50	y
0.5	1.25	50	20	y
0.5	2.5	50	20	y

Q.135 rate ppm	Thiamethoxam rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
	2.5	0		
	1.25	0		
	0.625	0		
1	2.5	70	50	y
0.5	1.25	50	20	y
0.25	0.625	20	0	y

Q.135 rate ppm	Mesotrione rate ppm	Activity (%)	P	S?
1		50		
0.5		20		

-continued

0.25		0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
	0.625	0		
1	2.5	70	50	y
1	5	70	50	y
0.5	1.25	50	20	y
0.5	2.5	50	20	y
0.25	0.625	20	0	y
0.25	1.25	20	0	y
0.5	10	50	20	y

Q.135 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
2		70		
1		50		
0.5		20		
0.25		0		
0.125		0		
	0.5	50		
	0.25	0		
	0.125	0		
	0.0625	0		
2	0.5	100	85	y
1	0.25	100	20	y
1	0.5	100	60	y
0.5	0.125	70	20	y
0.5	0.25	90	20	y
0.5	0.5	100	60	y
0.25	0.0625	50	0	y
0.25	0.125	70	0	y
0.25	0.25	70	0	y
0.125	0.0625	20	0	y
0.125	0.125	20	0	y
0.25	0.5	90	50	y
0.125	0.25	50	0	y
0.125	0.5	70	50	y

Q.135 rate ppm	Mandipropamid rate ppm	Activity (%)	P	S?
2		70		
1		20		
0.5		0		
	20	0		
	10	0		
	5	0		
2	10	90	70	y
2	20	90	70	y
1	5	50	20	y
1	10	50	20	y
0.5	5	20	0	y
1	20	50	20	y
0.5	10	20	0	y
0.5	20	20	0	y

Q.135 rate ppm	Chlorotalonil rate ppm	Activity (%)	P	S?
0.5		20		
0.25		0		
0.125		0		
0.0625		0		
	0.25	20		
	0.125	0		
	0.0625	0		
0.5	0.25	90	36	y
0.5	0.125	50	20	y
0.25	0.25	90	20	y
0.25	0.125	50	0	y
0.25	0.0625	20	0	y
0.125	0.25	50	20	y
0.125	0.125	50	0	y
0.125	0.0625	20	0	y
0.0625	0.25	50	20	y
0.0625	0.125	20	0	y
0.0625	0.0625	20	0	y

-continued

Q.135 rate ppm	Trinexapacethyl rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
	20	0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
1	20	90	50	y
1	10	90	50	y
1	5	90	50	y
1	2.5	90	50	y
0.5	20	70	20	y
0.5	10	50	20	y
0	5	50	20	y
0.5	2.5	50	20	y
0.5	1.25	50	20	y
0.25	10	20	0	y
0.25	5	20	0	y
0.25	1.25	20	0	y

Q.135 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
0.5		20		
0.25		0		
0.125		0		
0.0625		0		
	2.5	0		
	1.25	0		
	0.625	0		
0.5	2.5	100	20	y
0.5	1.25	100	20	y
0.25	2.5	100	0	y
0.25	1.25	90	0	y
0.25	0.625	70	0	y
0.125	2.5	100	0	y
0.125	1.25	70	0	y
0.125	0.625	50	0	y
0.0625	2.5	100	0	y
0.0625	1.25	50	0	y

Q.135 rate ppm	Azoxystrobin rate ppm	Activity (%)	P	S?
2		50		
1		20		
0.5		0		
0.25		0		
	0.2	20		
	0.1	0		
	0.05	0		
	0.025	0		
2	0.1	90	50	y
2	0.05	70	50	y
1	0.2	70	36	y
1	0.1	50	20	y
1	0.05	50	20	y
1	0.025	50	20	y
0.5	0.2	50	20	y
0.5	0.1	50	0	y
0.5	0.05	20	0	y
0.5	0.025	20	0	y
0.25	0.1	50	0	y
0.25	0.05	20	0	y
0.25	0.025	20	0	y

-continued

Q.135 rate ppm	Trifloxystrobin rate ppm	Activity (%)	P	S?
0.5		20		
0.25		0		
	0.1	50		
	0.05	50		
	0.025	20		
	0.0125	0		
0.5	0.025	50	36	y
0.5	0.0125	50	20	y
0.25	0.1	70	50	y
0.25	0.05	50	50	
0.25	0.025	50	20	y
0.25	0.0125	20	0	y

Q.135 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0625	70		
	0.03125	0		
0.25	0.0625	100	70	y
0.125	0.0625	100	70	y
0.125	0.03125	50	0	y
0.0625	0.0625	100	70	y
0.0625	0.03125	50	0	y
0.03125	0.0625	100	70	y
0.03125	0.03125	50	0	y

Q.135 rate ppm	Copper hydroxide rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
	5	0		
	2.5	0		
	1.25	0		
1	2.5	70	50	y
1	5	70	50	y
0.5	1.25	50	20	y
0.5	2.5	50	20	y

Q.135 rate ppm	Abamectin rate ppm	Activity (%)	P	S?
1		50		
0.5		20		
0.25		0		
	20	0		
	10	0		
	5	0		
	2.5	0		
	1.25	0		
1	2.5	90	50	y
1	5	90	50	y
1	10	70	50	y
0.5	1.25	50	20	y
0.5	2.5	70	20	y
0.5	5	50	20	y
1	20	70	50	y
0.25	1.25	20	0	y
0.25	2.5	20	0	y
0.5	10	50	20	y
0.25	5	50	0	y
0.5	20	50	20	y
0.25	10	50	0	y

Q.135 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		20		
0.25		0		

-continued

0.125		0		
	0.05	50		
	0.025	0		
	0.0125	0		
	0.00625	0		
2	0.05	100	85	y
1	0.025	100	20	y
1	0.05	100	60	y
0.5	0.0125	90	20	y
0.5	0.025	100	20	y
0.5	0.05	100	60	y
0.25	0.00625	50	0	y
0.25	0.0125	70	0	y
0.25	0.025	90	0	y
0.125	0.00625	20	0	y
0.125	0.0125	50	0	y
0.125	0.05	100	50	y
0.125	0.025	70	0	y
0.125	0.05	100	50	y

Q.135 rate ppm	Glufosinate rate ppm	Activity (%)	P	S?
1		20		
0.5		0		
0.25		0		
	20	0		
	10	0		
	5	0		
	2.5	0		
1	2.5	50	20	y
1	5	50	20	y
0.5	2.5	20	0	y
1	20	50	20	y
0.5	10	20	0	y
0.5	20	20	0	y
0.5	10	20	0	y

Q.135 rate ppm	Procymidone rate ppm	Activity (%)	P	S?
1		20		
0.5		0		
0.25		0		
	2.5	50		
	1.25	0		
1	2.5	100	60	y
0.5	1.25	50	0	y
0.25	2.5	90	50	y

Q.113 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	50		
	0.03125	50		
	0.015625	20		
	0.0078125	20		
0.03125	0.0625	70	50	y
0.015625	0.03125	70	50	y
0.0078125	0.015625	50	20	y
0.00390625	0.0078125	20	20	
0.015625	0.0625	70	50	y
0.0078125	0.03125	70	50	y
0.00390625	0.015625	50	20	y

Q.113 rate ppm	Pyraclostrobin rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	70		
	0.25	50		
2	2	90	70	y
1	2	90	70	y

-continued

1	0.25	70	50	y
0.5	2	90	70	y

Q.113 rate ppm	Chlorotalonil rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
	0.25	20		
1	0.25	50	20	y
0.5	0.25	70	20	y
0.25	0.25	70	20	y

Q.113 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		0		
1		0		
	2	0		
	1	0		
2	2	50	0	y
2	1	20	0	y
1	2	20	0	y

Q.113 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0625	70		
	0.03125	0		
0.25	0.03125	70	70	
0.125	0.0625	20	0	y
0.125	0.03125	90	70	y
0.0625	0.0625	90	70	y
0.0625	0.03125	20	0	y
0.03125	0.0625	20	0	y

Q.113 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		
0.125		0		
	0.5	70		
	0.25	0		
	0.125	0		
2	0.5	100	70	y
1	0.5	100	70	y
1	0.25	100	0	y
0.5	0.5	100	70	y
0.5	0.25	70	0	y
0.5	0.125	20	0	y
0.25	0.5	100	70	y
0.25	0.25	70	0	y
0.125	0.5	90	70	y
0.125	0.25	20	0	y

Q.113 rate ppm	Compound (VI) rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
0.015625		0		
0.0078125		0		
	0.0625	70		
	0.03125	70		
	0.015625	50		
	0.0078125	20		
0.25	0.0625	90	70	y
0.125	0.0625	90	70	y
0.0625	0.0625	90	70	y
0.03125	0.0625	90	70	y
0.015625	0.0625	90	70	y
0.015625	0.015625	70	50	y
0.015625	0.03125	70	70	
0.0078125	0.0078125	50	20	y
0.0078125	0.015625	70	50	y

Q.113 rate ppm	Azoxystrobin rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.25	20		
	0.125	0		
0.5	0.125	20	0	y
0.25	0.125	20	0	y
0.125	0.125	20	0	y
0.125	0.25	50	20	y
0.0625	0.125	20	0	y
0.0625	0.25	50	20	y
0.03125	0.125	20	0	y

Q.113 rate ppm	Picoxystrobin rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	50		
	1	50		
	0.5	50		
2	2	70	50	y
2	1	70	50	y
2	0.5	70	50	y
1	2	70	50	y
1	1	70	50	y
0.5	2	70	50	y

Q.113 rate ppm	Trifloxystrobin rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	50		
	1	50		
	0.5	50		
2	2	70	50	y
2	1	70	50	y
2	0.5	70	50	y
1	2	70	50	y
1	1	70	50	y
0.5	2	70	50	y

Q.113 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		
0.125		0		
	0.05	70		
	0.025	0		
2	0.05	90	70	y
1	0.025	50	0	y
1	0.05	90	70	y
0.5	0.025	20	0	y
0.5	0.05	90	70	y
0.25	0.025	0	0	
0.25	0.05	100	70	y
0.125	0.025	20	0	y
0.125	0.05	90	70	y

-continued

Q.113 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		
0.125		0		
	0.5	50		
	0.25	0		
2	0.5	70	50	y
1	0.25	20	0	y
1	0.5	70	50	y
0.5	0.25	20	0	y
0.5	0.5	70	50	y
0.25	0.25	0	0	
0.25	0.5	70	50	y
0.125	0.25	20	0	y

Q.062 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.125	70		
	0.0625	50		
	0.03125	50		
	0.015625	20		
0.03125	0.0625	70	50	y
0.03125	0.125	90	70	y
0.015625	0.0625	70	50	y
0.0078125	0.03125	70	50	y
0.00390625	0.015625	50	20	y
0.0078125	0.015625	50	20	y

Q.062 rate ppm	Pyraclostrobin rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	70		
2	2	90	70	y
1	2	90	70	y
0.5	2	90	70	y

Q.062 rate ppm	Chlorotalonil rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
	0.25	20		
1	0.25	50	20	y
0.5	0.25	50	20	y
0.25	0.25	50	20	y

Q.062 rate ppm	Picoxystrobin rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	50		
	1	50		
	0.5	50		
2	2	70	50	y
2	1	70	50	y
2	0.5	70	50	y
1	2	70	50	y
1	1	70	50	y
1	0.5	70	50	y
0.5	2	70	50	y
0.5	1	70	50	y

-continued

Q.062 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
0.25		0		
0.1258		0		
0.0625		0		
0.03125		0		
	0.0625	50		
	0.03125	0		
0.25	0.03125	90	50	y
0.125	0.0625	20	0	y
0.125	0.03125	90	50	y
0.0625	0.0625	100	50	y
0.0625	0.03125	20	0	y
0.03125	0.0625	20	0	y

.062 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		
0.125		0		
	0.05	50		
	0.025	0		
2	0.05	100	50	y
1	0.025	50	0	y
1	0.05	100	50	y
0.5	0.025	50	0	y
0.5	0.05	90	50	y
0.25	0.025	20	0	y
0.25	0.05	90	50	y
0.125	0.025	20	0	y
0.125	0.05	90	50	y

Q.062 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	2	0		
	1	0		
	0.5	0		
2	2	50	0	y
2	1	20	0	y
2	0.5	20	0	y
1	2	20	0	y
0.5	2	20	0	y

Q.062 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
0.125		0		
	5	70		
	2.5	0		
	1.25	0		
1	5	100	70	y
1	2.5	70	0	y
0.5	5	100	70	y
0.5	2.5	20	0	y
0.5	1.25	20	0	y
0.25	5	100	70	y
0.125	5	100	70	y
0.125	2.5	100	0	y

Q.062 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		

-continued

0.125		0		
	0.5	70		
	0.25	0		
	0.125	0		
2	0.5	100	70	y
1	0.5	100	70	y
1	0.25	100	0	y
0.5	0.5	100	70	y
0.5	0.25	70	0	y
0.5	0.125	20	0	y
0.25	0.5	100	70	y
0.25	0.25	70	0	y
0.125	0.5	90	70	y
0.125	0.25	20	0	y

Q.062 rate ppm	Procymidone rate ppm	Activity (%)	P	S?
0.125		0		
0.0625		0		
0.03125		0		
0.015625		0		
	1.25	0		
	0.625	0		
	0.3125	0		
0.125	1.25	70	0	y
0.0625	1.25	100	0	y
0.03125	1.25	90	0	y
0.015625	0.625	70	0	y
0.015625	0.3125	50	0	y

Q.062 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
0.25		0		
0.125		0		
	0.5	50		
	0.25	0		
2	0.5	90	50	y
1	0.25	50	0	y
1	0.5	70	50	y
0.5	0.25	20	0	y
0.5	0.5	70	50	y
0.25	0.25	0	0	
0.25	0.5	70	50	y
0.125	0.25	20	0	y

Septoria tritici (Leaf Blotch)

Conidia of the fungus from cryogenic storage were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and the activity was determined visually after 72 hrs.

Q.135 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	20		
	0.03125	0		
	0.015625	0		
0.03125	0.0625	70	20	y
0.015625	0.03125	20	0	y
0.015625	0.0625	90	20	y
0.0078125	0.03125	50	0	y
0.00390625	0.015625	20	0	y

-continued

Q.135 rate ppm	Metconazole rate ppm	% Activity	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0625	70		
	0.03125	0		
0.25	0.0625	90	70	y
0.125	0.0625	90	70	y
0.125	0.03125	50	0	y
0.0625	0.0625	100	70	y
0.0625	0.03125	20	0	y
0.03125	0.03125	20	0	y

Q.135 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
0.125		0		
	5	50		
	2.5	0		
	1.25	0		
	0.625	0		
1	2.5	50	0	y
1	5	70	50	y
0.5	5	90	50	y
0.5	2.5	50	0	y
0.5	1.25	20	0	y
0.25	5	70	50	y
0.25	2.5	50	0	y
0.25	1.25	20	0	y
0.25	0.625	20	0	y
0.125	5	70	50	y
0.125	2.5	50	0	y
0.125	1.25	20	0	y
0.125	0.625	20	0	y

Q.135 rate ppm	Fluopyram rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
	0.25	50		
1	0.25	90	50	y
0.5	0.25	70	50	y
0.25	0.25	70	50	y

Q.135 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0125	70		
0.5	0.0125	90	70	y
0.25	0.0125	90	70	y
0.125	0.0125	90	70	y
0.0625	0.0125	90	70	y
0.03125	0.0125	90	70	y

Q.135 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.125	50		
0.5	0.125	90	50	y
0.25	0.125	90	50	y
0.125	0.125	90	50	y

-continued

0.0625	0.125	90	50	y
0.03125	0.125	90	50	y

Q.135 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	1	0		
	0.5	0		
2	1	90	0	y
2	0.5	50	0	y
1	1	70	0	y
1	0.5	20	0	y
0.5	1	50	0	y
0.5	0.5	20	0	y

Q.135 rate ppm	Mandipropamid rate ppm	% Activity	P	S?
	2		0	
1		0		
0.5		0		
0.25		0		
	0.5	70		
2	0.5	700	70	y
1	0.5	90	70	y
0.5	0.5	70	70	
0.25	0.5	90	70	y

Q.135 rate ppm	Penflufen rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	0.5	70		
	0.25	20		
	0.125	0		
2	0.5	100	70	y
1	0.5	90	70	y
1	0.25	70	20	y
0.5	0.25	50	20	y
0.5	0.125	20	0	y

Q.135 rate ppm	Fluazinam rate ppm	Activity (%)	P	S?
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.03125	20		
	0.015625	0		
0.015625	0.03125	50	20	y
0.0078125	0.03125	50	20	y
0.0078125	0.015625	20	0	y
0.00390625	0.015625	20	0	y

Q.113 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	20		
	0.03125	0		
	0.015625	0		
0.03125	0.0625	70	20	y
0.015625	0.03125	20	0	y
0.015625	0.0625	90	20	y
0.0078125	0.03125	50	0	y
0.00390625	0.015625	20	0	y

-continued

Q.113 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	1	0		
	0.5	0		
2	1	70	0	y
2	0.5	20	0	y
1	1	70	0	y
1	0.5	20	0	y
0.5	1	70	0	y
0.5	0.5	20	0	y

Q.113 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
0.5		0		
0.125		0		
0.0625		0		
0.03125		0		
0.015625		0		
	2.5	50		
	0.625	0		
	0.3125	20		
	0.15625	0		
0.5	2.5	90	50	y
0.125	2.5	70	0	y
0.0625	0.625	70	50	y
0.03125	0.15625	20	0	y
0.015625	0.3125	70	20	y

Q.113 rate ppm	Picoxystrobin rate ppm	Activity (%)	P	S?
0.0078125		0		
0.00390625		0		
	0.03125	90		
	0.015625	70		
	0.0078125	50		
0.0078125	0.03125	90	70	y
0.0078125	0.015625	90	70	y
0.00390625	0.0078125	70	50	y

Q.113 rate ppm	Fluazinam rate ppm	Activity (%)	P	S?
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.03125	20		
	0.015625	0		
0.015625	0.03125	50	20	y
0.0078125	0.03125	50	20	y
0.0078125	0.015625	20	0	y
0.00390625	0.015625	20	0	y

Q.113 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
	0.25	70		
1	0.25	90	70	y
0.5	0.25	90	70	y
0.25	0.25	90	70	y

Q.113 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0125	70		
0.5	0.0125	90	70	y

-continued

0.25	0.0125	90	70	y
0.125	0.0125	90	70	y
0.0625	0.0125	90	70	y
0.03125	0.0125	90	70	y

Q.113 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.125	50		
0.5	0.125	90	50	y
0.25	0.125	70	50	y
0.125	0.125	70	50	y
0.0625	0.125	70	50	y
0.03125	0.125	70	50	y

Q.062 rate ppm	Isopyrazam rate ppm	Activity (%)	P	S?
0.0078125		0		
0.00390625		0		
	0.03125	20		
	0.015625	0		
0.0078125	0.03125	70	20	y
0.00390625	0.015625	70	0	y

Q.062 rate ppm	Fluxapyroxad rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	20		
	0.03125	0		
	0.015625	0		
0.03125	0.0625	70	20	y
0.015625	0.03125	20	0	y
0.015625	0.0625	90	20	y
0.0078125	0.03125	70	0	y
0.00390625	0.015625	20	0	y

Q.062 rate ppm	Flutriafol rate ppm	Activity (%)	P	S?
2		0		
1		0		
0.5		0		
	1	0		
	0.5	0		
2	1	70	0	y
2	0.5	20	0	y
1	1	70	0	y
1	0.5	20	0	y
0.5	1	70	0	y

Q.062 rate ppm	Picoxystrobin rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.015625	70		
	0.0078125	20		
0.03125	0.0078125	50	20	y
0.015625	0.0078125	20	20	
0.0078125	0.0078125	70	20	y
0.0078125	0.0015625	100	70	y
0.00390625	0.0078125	90	20	y

-continued

Q.062 rate ppm	Fluazinam rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	70		
	0.03125	20		
	0.015625	0		
0.03125	0.0625	90	70	y
0.015625	0.0625	90	70	y
0.015625	0.03125	50	20	y
0.0078125	0.03125	50	20	y
0.0078125	0.015625	20	0	y
0.00390625	0.015625	20	0	y

Q.062 rate ppm	Metconazole rate ppm	Activity (%)	P	S?
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0625	50		
0.25	0.0625	70	50	y
0.125	0.0625	70	50	y
0.0625	0.0625	70	50	y
0.03125	0.0625	70	50	y

Q.062 rate ppm	Paclobutrazol rate ppm	Activity (%)	P	S?
1		0		
0.5		0		
0.25		0		
	10	70		
	5	70		
	2.5	20		
	1.25	0		
	0.625	0		
1	2.5	50	20	y
0.5	10	100	70	y
0.5	2.5	70	20	y
0.5	1.25	20	0	y
0.25	10	100	70	y
0.25	5	100	70	y
0.25	2.5	70	20	y
0.25	0.625	90	0	y

Q.062 rate ppm	Fluopyram rate ppm	Activity (%)	P	S?
0.125		0		
0.0625		0		
0.03125		0		
	0.25	50		
	0.125	0		
0.125	0.25	70	50	y
0.0625	0.25	70	50	y
0.0625	0.125	20	0	y
0.03125	0.125	20	0	y

Q.062 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.0125	70		
0.5	0.0125	90	70	y
0.25	0.0125	90	70	y
0.125	0.0125	90	70	y
0.0625	0.0125	90	70	y
0.03125	0.0125	90	70	y

-continued

Q.062 rate ppm	Propiconazole rate ppm	Activity (%)	P	S?
0.5		0		
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
	0.125	50		
0.5	0.125	90	50	y
0.25	0.125	90	50	y
0.125	0.125	90	50	y
0.0625	0.125	70	50	y
0.03125	0.125	70	50	y

Gaeumannomvces graminis (Take-all of Cereals)

Mycelial fragments of the fungus from cryogenic storage were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and the activity was determined visually after 48 hrs

	Compound (V) rate ppm	Activity (%)	P	S?
Q.113 rate ppm				
0.25		0		
0.125		0		
0.0625		0		
0.03125		0		
0.015625		0		
	0.0625	70		
	0.03125	20		
	0.015625	0		
0.25	0.0625	90	70	y
0.125	0.03125	50	20	y
0.0625	0.015625	20	0	y
0.0625	0.03125	50	20	y
0.03125	0.0625	90	70	y
0.015625	0.03125	50	20	y
Q.062 rate ppm				
0.015625		0		
0.0078125		0		
0.00390625		0		
	0.0625	70		
	0.03125	20		
	0.015625	0		
0.015625	0.03125	50	20	y
0.0078125	0.015625	20	0	y
0.015625	0.0625	100	70	y
0.0078125	0.03125	70	20	y
0.00390625	0.015625	20	0	y

Pythium ultimum (Damping Off):

Mycelial fragments of the fungus, prepared from a fresh liquid culture, were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and the activity was determined visually after 48 hrs

Q.135 rate ppm	Mefenoxam rate ppm	Activity (%)	P	S?
0.0625		0		
0.03125		0		
0.015625		0		
0.0078125		0		
	0.03125	50		
0.0625	0.03125	70	50	y
0.03125	0.03125	50	50	
0.015625	0.03125	70	50	y
0.0078125	0.03125	70	50	y

Mycosphaerella arachidis (y. *Cercospora arachidicola*),

Brown leaf spot of groundnut (peanut): Conidia of the fungus from cryogenic storage were directly mixed into nutrient broth (PDB potato dextrose broth). After placing a (DMSO) solution of the test compounds into a microtiter plate (96-well format) the nutrient broth containing the fungal spores was added. The test plates were incubated at 24° C. and activity was determined visually after 5-6 days.

Q.135 rate ppm	Sedaxan rate ppm	Activity (%)	P	S?
0.0625		50		
0.03125		50		
0.015625		20		
0.0078125		0		
	0.03125	0		
	0.015625	0		
	0.00390625	0		
0.0625	0.03125	70	50	y
0.0625	0.015625	70	50	y
0.03125	0.031215	50	50	
0.015625	0.00390625	50	20	y
0.0078125	0.00390625	20	0	y

Q.135 rate ppm	Fluazinam rate ppm	Activity (%)	P	S?
0.0625		50		
0.03125		50		
0.15625		0		
0.0078125		0		
	0.03125	0		
	0.015625	0		
	0.0078125	0		
	0.00390625	0		
0.0625	0.015625	70	50	y
0.03125	0.015625	50	50	y
0.015625	0.03125	20	0	y
0.015625	0.015625	20	0	y
0.015625	0.0078125	50	0	y
0.015625	0.00390625	50	0	y
0.0078125	0.03125	20	0	y
0.0078125	0.00390625	20	0	y

Q.135 rate ppm	Cyprodinil rate ppm	% Activity	P	S?
0.03125		50		
0.015625		20		
	0.00125	0		
	0.0625	0		
	0.003125	0		
	0.0015625	0		
	0.00078125	0		
0.03125	0.00078125	90	50	y
0.03125	0.0015625	70	50	y
0.03125	0.003125	70	50	y
0.03125	0.00625	70	50	y
0.03125	0.0125	70	50	y
0.015625	0.00078125	50	20	y

-continued

Q.135 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
0.03125		50		
0.015625		20		
	0.0625	0		
	0.03125	0		
	0.015625	0		
	0.0078125	0		
	0.00390625	0		
0.03125	0.015625	70	50	y
0.015625	0.0625	50	20	y
0.015625	0.03125	50	20	y
0.015625	0.015625	50	20	y
0.015625	0.0078125	50	20	y
0.015625	0.00390625	50	20	y

Q.135 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
0.0625		70		
0.03125		70		
0.015625		70		
0.0078125		20		
0.00390625		0		
	0.03125	70		
	0.015625	50		
	0.0078125	20		
	0.00390625	20		
0.0625	0.015625	100	85	y
0.03125	0.015625	100	85	y
0.015625	0.0078125	90	76	y
0.015625	0.00390625	90	76	y
0.0078125	0.03125	100	76	y
0.0078125	0.0078125	50	36	y
0.0078125	0.00390625	50	36	y
0.00390625	0.015625	70	50	y
0.00390625	0.0078125	50	20	y

Q.113 rate ppm	Sedaxan rate ppm	Activity (%)	P	S?
0.125		20		
0.0625		0		
	0.125	0		
	0.0625	0		
	0.03125	0		
	0.015625	0		
0.125	0.125	50	20	y
0.0625	0.125	20	0	y
0.0625	0.0625	20	0	y
0.0625	0.03125	20	0	y
0.0625	0.015625	20	0	y

Q.113 rate ppm	Fluazinam rate ppm	Activity (%)	P	S?
0.03125		0		
0.015625		0		
0.0078125		0		
	0.0625	20		
	0.03125	0		
0.03125	0.0625	50	20	y
0.015625	0.0625	50	20	y
0.0078125	0.03125	20	0	y

Q.113 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
0.5		70		
0.25		70		
0.125		50		
0.0625		20		
0.03125		0		
	0.5	70		
	0.25	0		
	0.125	0		
0.5	0.25	100	70	y
0.25	0.25	90	70	y
0.125	0.5	100	85	y
0.125	0.25	70	50	y
0.0625	0.25	50	20	y
0.03125	0.125	20	0	y

Q.113 rate ppm	Fenpropimorph rate ppm	Activity (%)	P	S?
0.125		50		
0.0625		50		
0.03125		20		
0.015625		0		
	0.0625	70		
	0.03125	50		
0.125	0.0625	100	85	y
0.125	0.03125	100	75	y
0.0625	0.03125	90	75	y
0.03125	0.0625	100	76	y
0.015625	0.03125	70	50	y

Q.062 rate ppm	Bixafen rate ppm	Activity (%)	P	S?
0.0625		0		
0.03125		0		
0.015625		0		
	0.0625	70		
	0.03125	50		
0.0625	0.0625	90	70	y
0.03125	0.0625	90	70	y
0.015625	0.0625	100	70	y
0.015625	0.03125	70	50	y

Q.062 rate ppm	Fludioxonil rate ppm	Activity (%)	P	S?
2		70		
1		70		
0.5		0		
0.25		0		
0.125		0		
	0.5	50		
	0.25	0		
	0.125	0		
2	0.5	100	85	y
1	0.5	100	85	y
0.5	0.5	100	50	y
0.5	0.25	50	0	y
0.5	0.125	20	0	y
0.25	0.5	70	50	y
0.25	0.25	20	0	y
0.125	0.25	20	0	y

Q.062 rate ppm	Cyprodinil rate ppm	Activity (%)	P	S?
1		70		
	0.2	0		
	0.1	0		
	0.05	0		
	0.025	0		
1	0.025	90	70	y
1	0.1	90	70	y
1	0.2	90	70	y

Septoria tritici (Leaf Blotch):

After placing solutions of the test compounds (containing 0.2% DMSO) into a microtiter plate (96-well format), an equal amount of the nutrient broth (YBG) was added to each of the well. Finally the fungal spore solution was added. The test plates were incubated at 20° C. The inhibition of growth was determined photometrically after 6 days and the activity calculated in relation to untreated control.

Q.135 rate ppm	Tebuconazole rate ppm	Activity (%)	P	S?
1.25		24		
0.625		25		
0.3125		35		
	1.25	0		
1.25	1.25	59	24	y
0.625	1.25	51	25	y
0.3125	1.25	54	35	y

Q.135 rate ppm	Epoxiconazole rate ppm	% Activity	P	S?
1.25		22		
0.625		32		
0.3125		34		
0.15625		29		
	0.3125	78		
	0.15625	65		
1.25	0.3125	95	83	y
0.625	0.3125	98	85	y
0.625	0.15625	94	76	y
0.3125	0.3125	100	86	y
0.15625	0.3125	100	85	y
0.15625	0.15625	98	75	y

Q.113 rate ppm	Cyproconazole rate ppm	Activity (%)	P	S?
10		63		
	1	84		
	0.5	64		
	0.25	0		
10	1	100	94	y
10	0.5	100	87	y
10	0.25	86	63	y

Q.113 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.15625		42		
0.078125		31		
0.0390625		28		
0.01953125		15		
	0.0390625	63		
	0.01953125	69		
0.15625	0.0390625	96	78	y
0.078125	0.0390625	100	74	y
0.078125	0.01953125	100	79	y
0.0390625	0.0390625	99	73	y
0.01953125	0.0390625	100	68	y
0.01953125	0.01953125	93	74	y

Q.113 rate ppm	Epoxiconazole rate ppm	Activity (%)	P	S?
1.25		42		
0.625		39		
0.3125		34		
0.15625		34		
0.078125		33		
	0.3125	50		
1.25	0.3125	97	71	y
0.625	0.3125	100	70	y
0.3125	0.3125	99	67	y
0.15625	0.3125	99	67	y
0.078125	0.3125	98	67	y

Q.062 rate ppm	Cyproconazole rate ppm	Activity (%)	P	S?
5		64		
2.5		49		
1.25		48		
	2.5	76		
	1.25	39		
5	1.25	96	78	y
2.5	2.5	100	88	y
2.5	1.25	86	69	y
1.25	2.5	98	88	y
1.25	1.25	87	69	y

-continued

Q.062 rate ppm	Prothioconazole rate ppm	Activity (%)	P	S?
0.3125		33		
0.15625		38		
0.0078125		31		
	0.0625	63		
	0.03125	9		
0.3125	0.0625	88	75	y
0.15625	0.0625	98	77	y
0.078125	0.03125	63	37	y

Q.062 rate ppm	Tebuconazole rate ppm	Activity (%)	P	S?
5		57		
2.5		41		
1.25		51		
	5	73		
	2.5	47		
5	5	100	89	y
5	2.5	96	77	y
2.5	5	100	84	y
2.5	2.5	81	69	y
1.25	5	99	87	y

Q.062 rate ppm	Prochloraz rate ppm	Activity (%)	P	S?
0.625		35		
0.3125		37		
	0.03125	80		
	0.015625	48		
0.625	0.03125	98	87	y
0.625	0.015625	79	66	y
0.3125	0.03125	97	87	y

Q.062 rate ppm	Epoxiconazole rate ppm	Activity (%)	P	S?
2.5		48		
1.25		51		
0.625		48		
0.3125		42		
	0.625	71		
	0.3125	33		
2.5	0.625	98	85	y
1.25	0.3125	77	67	y
0.625	0.3125	79	65	y
0.3125	0.3125	71	61	y

Q.062 rate ppm	Difenoconazole rate ppm	Activity (%)	P	S?
0.625		40		
0.3125		36		
0.15625		39		
0.078125		29		
0.00390625		32		
	0.15625	48		
0.625	0.15625	89	69	y
0.3125	0.15625	81	67	y
0.15625	0.15625	77	68	y
0.078125	0.15625	81	63	y
0.00390625	0.15625	84	64	y

Q.062 rate ppm	Compound (S)-(VII) rate ppm	Activity (%)	P	S?
0.625		26		
0.3125		22		
	0.125	62		
	0.0625	44		
	0.03125	0		

Sclerotinia sclerotiorum on Oilseed Rape, Preventive Treatment

The compound activity was tested under 1 day preventive conditions. Oilseed rape plants with 3 unfolded leafs were sprayed with a track sprayer and 200 l/ha spray volume with the test compounds, either solo or in tankmix as shown in the table below.

1 day after application the plants were infested with a solution of *Sclerotinia sclerotiorum* mycelium. The plants were placed under plastic hoods and high humidity conditions in a climate chamber at 14 h day/10 h night cycle and 15° C. Disease infestation was evaluated visually 11 days after application and average activity calculated in relation to disease severity on untreated check.

	Boscalid rate g a.i./ha	Activity (%)	P	S?
Q.135 rate ppm				
100		15		
50		0		
25		0		
	100	25		
	50	8		
100	100	59	36	y
50	50	49	8	y
25	100	76	25	y
100	50	62	21	y
50	50	92	10	y
25	100	83	25	y
100	50	93	32	y
Q.113 rate ppm				
100		39		
50		2		
25		2		
	100	25		
	50	8		
100	100	83	54	y
50	50	89	10	y
25	100	83	26	y
100	50	86	44	y
Q.062 rate ppm				
100		26		
50		2		
25		0		
	100	25		
	50	8		
100	100	91	44	y
50	50	92	10	y
25	100	83	25	y
100	50	93	32	y

Sphaerotheca fuliqinea (Powdery Mildew) on Cucumber, Preventive Treatment

The compound activity was tested under 2 days preventive conditions. Cucumber plants with unfolded cotyledons were sprayed with a roomsprayer and 40 ml/4 plants spray volume with the test compounds, either solo or in tankmix as shown in the table below.

2 days after application the plants were infested with spores of *Sphaerotheca fuliginea*. The plants were placed in a climate chamber under 70% rel. humidity, 22° C. and 14 h day/10 h night cycle. Disease infestation was evaluated visually 10 days after application and average activity calculated in relation to disease severity on untreated check.

	Acibenzolar-s-methyl rate ppm	Activity (%)	P	S?
Q.135 rate ppm				
2		0		
0.6		0		
0.2		0		
	20	4		
	6	0		
	2	0		
	0.6	0		
2	20	49	4	y
2	6	16	0	y
0.6	6	15	0	y
0.6	2	4	0	
0.2	2	3	0	
Q.113 rate ppm				
2		0		
0.6		0		
0.2		0		
	20	4		
	6	0		
	2	0		
	0.6	0		
2	20	18	4	y
2	6	12	0	y
0.6	6	5	0	
0.6	2	7	0	
0.2	2	9	0	y
Q.062 rate ppm				
2		7		
0.6		0		
0.2		0		
	20	4		
	6	0		
	2	0		
	0.6	0		
2	20	11	11	
2	6	4	7	
0.6	6	9	0	y
0.6	2	5	0	
0.2	2	9	0	y

Fusarium spp. on Wheat, Preventive Treatment

The compound activity was tested under 1 day preventive condition. Flowering wheat plants were sprayed with a track sprayer and 220 l/ha spray volume with the test compounds, either solo or in tankmix as shown in the table below. The compounds were formulated as standard EC100 and diluted into water to the given spray-dosis.

1 day after application the flowering ears were infested with a mix of spores of *Fusarium graminearum* and *Fusarium culmorum*. The plants were placed in a climate chamber under 60% rel. humidity, and 14 h day/10 h night cycle with 23/21° C. Disease infestation was evaluated visually 9 days after application and average activity calculated in relation to disease severity on untreated check.

Compound	g a.i./ha	Activity (%)	P	S?
Prothioconazole (PTZ)	50	55		
Q.062	200	17		
Q.135	200	28		
Q.113	200	23		
Q.151	200	3		
PTZ + Q.062	200 + 50	83	63	y
PTZ + Q.135	200 + 50	86	68	y

-continued

Compound	g a.i./ha	Activity (%)	P	S?
PTZ + Q.113	200 + 50	85	65	y
PTZ + Q.151	200 + 50	88	56	y

Phakopsora pachyrhizi on Soybean, Preventive Treatment

The compound activity was tested under 1 day preventive conditions. Soybean plants with a fully enfolded first trifoliate leaf were sprayed with a track sprayer and 50 l/ha spray volume with the test compounds, either solo or in tankmix as shown in the table below. 1 day after application leaf discs were cutted from the first trifoliate leaf and placed in multiwell plates on water-agar. 5 leaf discs per treatment where infested with spores of a triazole tolerant soybeanrust strain. The multiwell plates where sealed and placed in an incubator 48 h in darkness and 12 h light/dark cycle afterwards. Rust infestation on leaf discs was evaluated visually 11 days after application and average activity calculated in relation to disease severity on untreated check leaf discs.

Compound	Rate (g ai/ha)	Activity (%)	P	S?
Cyproconazole	2	53	N/A	N/A
Cyproconazole	0.5	38	N/A	N/A
Q.062	2	13	N/A	N/A
Q.062	0.5	0	N/A	N/A
Q.063	2	0	N/A	N/A
Q.063	0.5	0	N/A	N/A
Q.113	2	25	N/A	N/A
Q.113	0.5	1	N/A	N/A
Q.135	2	41	N/A	N/A
Q.135	0.5	13	N/A	N/A
Q.062 + Cyproconazole	2 + 2	99	59	Yes
Q.062 + Cyproconazole	2 + 0.5	78	46	Yes
Q.062 + Cyproconazole	0.5 + 2	96	53	Yes
Q.063 + Cyproconazole	2 + 2	100	53	Yes
Q.063 + Cyproconazole	2 + 0.5	98	38	Yes
Q.063 + Cyproconazole	0.5 + 2	98	53	Yes
Q.113 + Cyproconazole	2 + 2	100	65	Yes
Q.113 + Cyproconazole	2 + 0.5	94	54	Yes
Q.113 + Cyproconazole	0.5 + 2	96	54	Yes
Q.135 + Cyproconazole	2 + 2	95	72	Yes
Q.135 + Cyproconazole	2 + 0.5	98	72	Yes
Q.135 + Cyproconazole	0.5 + 2	97	46	Yes

Septoria tritici on Wheat, Preventive Treatment

Four pots per treatment with 4 plants of the wheat variety Riband in each of 6.5 cm pots have been treated 14 days after sowing with the compounds given in the results table. The compounds were formulated as standard EC100 and diluted into water to the given spray-dosis. One day after application of the compounds solo and in mixture, the plants were infested with spores of *Septoria tritici*. To enable a good infestation, the plants were covered with a plexiglas hood for 48 h after inoculation. The plants grew in a controlled environment for 14 h at 21° C. during day and 10 h at 19° C. during night. 18 days after application the infestation of the 2nd leaf of each of the plants and of the untreated, infested check was evaluated visually. The activity data in the table then derived from a calculation of the infestation of the means of the 4 plants of 4 repetitions of each of the solo or mixture treatments with the mean of the of the 4 plants of 4 repetitions of the untreated infested check.

	ga/ha	Activity (%)	P	S?
compound (VII)	27	96	N/A	N/A
	9	20		
	3	0		
Q.062	27	71	N/A	N/A
	9	8		
	3	6		
Q.135	27	82	N/A	N/A
	9	33		
	3	0		
Q.113	27	16	N/A	N/A
	9	0		
	3	0		
Q.151	27	0	N/A	N/A
	9	0		
	3	0		
compound (VII) + Q.062	9 + 27	98	77	Y
	3 + 9	36	8	Y
compound (VII) + Q.062	27 + 27	99	99	
	9 + 9	93	26	Y
compound (VII) + Q.062	27 + 9	97	97	
	9 + 3	58	25	Y
compound (VII) + Q.135	9 + 27	98	47	Y
	3 + 9	47	0	Y
compound (VII) + Q.135	27 + 27	100	99	
	9 + 9	92	47	Y
compound (VII) + Q.135	27 + 9	100	98	
	9 + 3	91	20	Y
compound (VII) + Q.113	9 + 27	97	33	Y
	3 + 9	38	0	Y
compound (VII) + Q.113	27 + 27	100	97	
	9 + 9	76	20	Y
compound (VII) + Q.113	27 + 9	99	96	
	9 + 3	70	20	Y
compound (VII) + Q.151	9 + 27	97	20	Y
	3 + 9	69	0	Y
compound (VII) + Q.151	27 + 27	99	96	
	9 + 9	96	20	Y
compound (VII) + Q.151	27 + 9	99	96	
	9 + 3	71	20	Yes

Compound	g a.i./ha	Activity (%)	P	S?
Difenoconazole (DFZ)	27	5		
	9	3		
	3	0		
	1	0		
	0.33	0		
Q.062	81	61		
	27	50		
	9	26		
	3	8		
	1	2		
Q.135	81	70		
	27	52		
	9	43		
	3	9		
	1	0		
Q.113	81	53		
	27	61		
	9	29		
	3	0		
	1	1		
Q.151	81	43		
	27	13		
	9	0		
	3	4		
	1	0		

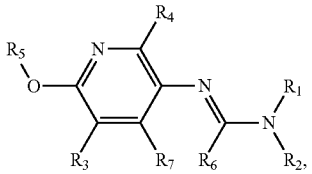
-continued

DFZ + Q.062	27 + 81	97	63	Y
	9 + 27	49	51	
	27 + 27	85	52	Y
	9 + 9	21	28	
	27 + 9	61	30	Y
	9 + 3	0	10	
DFZ + Q.135	27 + 81	100	71	Y
	9 + 27	92	54	Y
	27 + 27	90	55	Y
	9 + 9	42	45	
	27 + 9	68	46	Y
	9 + 3	41	12	Y
DFZ + Q.113	27 + 81	98	56	Y
	9 + 27	94	62	Y
	27 + 27	95	63	Y
	9 + 9	69	31	Y
	27 + 9	91	32	Y
	9 + 3	50	3	Y
DFZ + Q.151	27 + 81	94	46	Y
	9 + 27	68	15	Y
	27 + 27	97	17	Y
	9 + 9	64	3	Y
	27 + 9	85	5	Y
	9 + 3	28	7	Y

What is claimed is:

1. A fungicidal composition, comprising a combination of components A) and B), wherein component A) is a compound of formula (I)

(I)



wherein

R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl, C_3-C_4 alkynyl, (R_{10})carbonyl and (R_{10})oxycarbonyl;

or R_1 and R_2 together with the nitrogen atom to which they are attached form a 5- or 6 membered cyclic group which may be saturated or unsaturated and may contain a further heteroatom selected from S or O;

R_3 represents hydrogen, halogen, cyano, nitro, mercapto, hydroxy, —C(=S)NH_2, —SF_5, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, a 5-membered heterocycle containing 1-4 nitrogen atoms, piperidino, morpholino, thiomorpholino, formyl, hydroxycarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_4-C_7 al kenyloxycarbonyl, C_4-C_7 haloalkenyloxycarbonyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl, C_1-C_6 hydroxyalkyl, phenyl or benzyl wherein the phenyl and benzyl are optionally substituted by one or more groups independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino or dimethylamino;

R_5 is hydrogen, C_1-C_{12}alkyl, C_3-C_{12}alkenyl, C_3-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl, or is C_1-C_{12}alkyl, C_2-C_{12}alkenyl, C_2-C_{12}alkynyl, C_1-C_{12}alkylsulfonyl, C_2-C_{12}alkenylsulfonyl, phenylsulfonyl or benzylsulfonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7alkylcarbonyl, C_2-C_7haloalkylcarbonyl, C_1-C_6alkyl, C_1-C_6haloalkyl, C_1-C_6alkoxy, C_1-C_6haloalkoxy, C_1-C_6alkylthio, C_1-C_6alkylsulfinyl and C_1-C_6alkylsulfonyl; or

R_5 is formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12} alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl, or is C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_3-C_{12} alkynylcarbonyl, C_4-C_{12} cycloalkylcarbonyl, benzylcarbonyl, phenylcarbonyl, C_2-C_{12} alkoxycarbonyl, C_4-C_{12} alkenyloxycarbonyl, C_4-C_{12} alkynyloxycarbonyl, C_4-C_{12} cycloalkoxycarbonyl, benzyloxycarbonyl or phenoxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

R_5 is (R_{51})(R_{52})(R_{53})Si—, (R_{51})(R_{52})(R_{53})Si—(C_1-C_{12}alkyl)-, (R_{51})(R_{52})(R_{53})Si—(C_3-C_8cycloalkyl)-, (R_{54}O)(R_{55}O)(R_{56}O)Si—, (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_1-C_{12} alkyl)- or (R_{54}O)(R_{55}O)(R_{56}O)Si—(C_3-C_8 cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(=O)—, —C(=S)—, —C(=NOR_{59})—, —C(R_{60})=NO—, —ON=C(R_{60})—, —O—C(=O)—, —C(=O)—O—, —O—, —S—, —S(=O)—, —S(=O)2-, —S(=O)(=NR_{13})—, —S(=O)(R_{14})=N—, —N=S(=O)(R_{14})—, —N(R_{62})—C=O)—, —C=O)—N(R_{62})—, —N(R_{62})—SO_2— or —SO_2—N(R_{62})—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phe-

nyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to poly-substituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- or A-O—(C_3-C_8cycloalkyl)-;

A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A2) by substituents independently selected form the group consisting of $(R_{14})S(=O)(=NR_{13})$—, $(R_{14})(R_{15})S(=O)=N$—; —$Si(R_{51})(R_{52})(R_{53})$, —$NR_{57}R_{58}$, —$C(=O)NR_{57}R_{58}$, —$C(=S)NR_{57}R_{58}$, $HC(=NOR_{59})$—, (C_1-C_6alkyl)$C(=NOR_{59})$—, (C_1-C_6haloalkyl)$C(=NOR_{59})$—, (C_1-C_6alkyl)$C(=NOR_{59})C_1$-C_6alkyl-, (C_1-C_6haloalkyl)$C(=NOR_{59})C_1$-C_6alkyl-, N(C_1-C_6alkyl)aminosulfonyl and N,N-di(C_1-C_6alkyl)aminosulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_4-C_9 halocycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_3-C_7 al kenyloxycarbonyl, C_3-C_7 alkynyloxycarbonyl, C_4-C_9 cycloalkoxycarbonyl, C_2-C_7 alkylthiocarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, $=C(R^{36'})_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and =N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is —N=C(R_8)(R_9); or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7-alkylcarbonyl, C_2-C_7-alkoxycarbonyl, C_4-C_7-al kenyloxycarbonyl, C_4-C_7-alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2; or

R^5 is selected from G^1, G^2, G^3-G^4, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{12}, G^{13}, G^{14}, G^{15} and G^{16};

R_6 is selected from hydrogen and SH;

R_7 is hydrogen, halogen or C_1-C_4 alkyl;

R_8 and R_9, independently from each other, are hydrogen, halogen, cyano, C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, formyl, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, carboxy, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl, or C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl, C_1-C_{12} alkoxy, C_2-C_{12} alkylcarbonyl, C_3-C_{12} alkenylcarbonyl, C_2-C_{12} alkoxycarbonyl and C_4-C_{12} alkenyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or R_8 and R_9 together from a C_2-C_8 alkylene bridge which may optionally be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, C_1-C_6 alkyl and C_1-C_6 haloalkyl; or R_8 and R_9, independently from each other, are the groups A-, A-O— or A-(C_1-C_6alkyl)-;

R_{10} is H, C_1-C_4 alkyl, C_2-C_4 alkenyl or C_1-C_4 haloalkyl;

R_{13} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl and benzyl, or is phenyl and benzyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy;

R_{14} and R_{15}, independently of each other, are C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl independently of each other, substituted by substituents selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

R_{51}, R_{52}, R_{53}, independently of each other, are halogen, cyano, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_3-C_8 cycloalkyl, C_5-C_8 cycloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, benzyl or phenyl;

R_{54}, R_{55}, R_{56}, independently of each other, are C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_8 cycloalkyl, C_3-C_6 alkynyl, benzyl or phenyl;

R_{57} and R_{58}, independently of each other, are hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, phenyl or benzyl, where phenyl or benzyl for their part may be mono- to polysubstituted on the phenyl ring by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy, or R_{57} and R_{58} together with their interconnecting nitrogen atom are aziridino, azetidino, pyrazolino, pyrazolidino, pyrrolino, pyrrolidino, imidazolino, imidazolidino, triazolino, tetrazolino, piperazino, piperidino, morpholino, thiomorpholino, each of which, in turn, may be mono- or polysubstituted by substituents selected from the group consisting of methyl, halogen, cyano;

R_{59} is hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 alkenyl, C_3-C_6 haloalkenyl, C_3-C_6 alkynyl, C_3-C_8 cycloalkyl, C_3-C_8 halocycloalkyl, benzyl and phenyl, and benzyl and phenyl mono- to polysubstituted by halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl or C_1-C_6 alkoxy;

R_{60} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

R_{62} is hydrogen, C_1-C_6 alkyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_3-C_8 halocycloalkyl, C_3-C_6 alkenyl, C_3-C_6 alkynyl, benzyl or phenyl, or benzyl or phenyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy;

G^1 is a C_8-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl and cyano;

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —$C(=O)NH_2$, —$C(=O)NH(CH_3)$, —$C(=O)N(CH_3)_2$ and —$C(=S)NH_2$;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

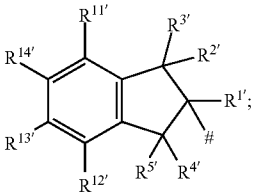
G^4 is C_3-C_{12} cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^5 is C_3-C_7 cycloalkyl which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH_2(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6-alkenyloxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, phenoxy, —$C(=O)NH_2$, —$C(=O)NH(CH_3)$, —$C(=O)N(CH_3)_2$ and —$C(=S)NH_2$;

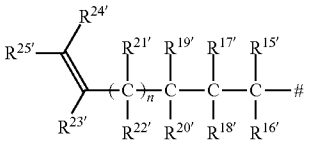
G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

G^7 is methylene;

G^8 is



G^9 is

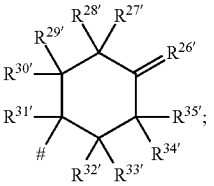


G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl,

C_1-C_6alkylsulfonyl, C_1-C_6 haloalkylsulfonyl, phenyl, 2-phenyl-ethynyl and 2-phenyl-ethyl;

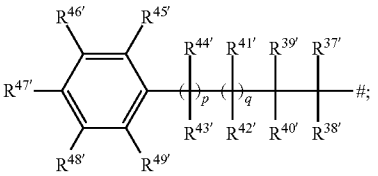
G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

G^{12} is

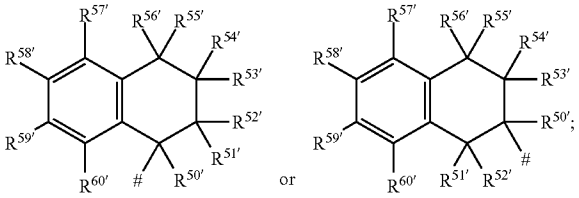


G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6alkenyl, C_2-C_6 haloalkenyl, C_1-C_6alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxy carbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

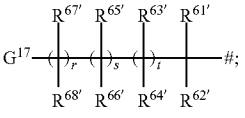
G^{14} is



G^{15} is



G^{16} is



G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{1'}$ is selected from the group consisting of hydrogen fluorine C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6alkynyl, C_2-C_6 haloalkynyl, C_1-C_6alkoxy, C_1-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6alkylthio, C_1-C_6 haloalkylthio, C_1-C_6alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{15'}$ and $R^{16'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

$R^{26'}$ is $C(R^{36'})_2$, N—OH, N—O—C_1-C_4-alkyl, N—O—C_2-C_4-alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O wherein the N—O-benzyl and N—O-phenyl may be substituted by one or more groups independently selected from the group consisting of halogen, methyl and halomethyl;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl and phenyl;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$ $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{50'}$ is selected from the group consisting of hydrogen fluorine C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen fluorine C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, $C(=O)NH_2$, $C(=O)NH(CH_3)$, $C(=O)N(CH_3)_2$, $C(=S)NH_2$, $C(=S)NH(CH_3)$, $C(=S)N(CH_3)_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_2-C_6 alkoxy, C_2-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkynyl, C_3-C_6 alkynyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen fluorine cyano C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4alkyl, C_1-C_4 haloalkyl, C_1-C_4alkoxy, C_1-C_4 haloalkoxy and C_1-C_4alkylthio;

$R^{69'}$ is selected from hydrogen C_1-C_4 alkyl, C_3-C_4alkenyl and C_1-C_4 alkylcarboxy;

n is 0 or 1;

p and q are independently selected from 0 and 1; and

r, s and t are independently selected from 0 and 1;

or an agronomically acceptable salt/metallic complex/metalloidic complex/isomer/structural isomer/stereo-isomer/diastereoisomer/enantiomer/tautomer/N-oxide thereof;

and

component B) is a strobilurin fungicide, a sterol biosynthesis inhibitor, a triazole fungicide, a pro-triazole fungicide, a DMI fungicide, a SDHI fungicide, or a compound selected from the group consisting of Chlorothalonil, Fludioxonil, Cyprodinil, Mandipropamid, Fluazinam, Procymedone, Carbendazim, Abamectin, Clothianidin, Emamectin benzoate, Imidacloprid, Tefluthrin, Mefenoxam, Orocymedone, Thiamethoxam, Lambda-cyhalothrin, Gamma-cyhalothrin, Profenofos, Lufenuron, Diflubenzuron, Cypermethrin, Novaluron, Bifenthrin, Methomyl, Chlopyrifos, Methamidophos, Endosulfan, Betacyfluthrin, Triflumuron, Teflubenzuron, SulcotrioneAcephat, Glyphosate, Glufosinate, Mesotrione, Tembotrione, Sulcotrione, Auxins, Trinexapac-ethyl, Prohexadione-Ca, Paclobutrazol, Acibenzolar-S-methyl, Methyl-Jasmonate, Cis-Jasmone, Manganese, Cyflufenamid, Tebufloquin and Copper.

2. A fungicidal composition according to claim **1**, wherein component A) is a compound of formula (I) wherein, R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl and C_3-C_4 alkynyl;

or R_1 and R_2 together with the nitrogen atom to which they are connected form pyrrolidine or piperidine;

R_3 represents hydrogen, halogen, cyano, mercapto, hydroxy, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 haloalkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, tetrazolino, formyl, C_2-C_5 alkylcarbonyl, C_2-C_5 haloalkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl or C_1-C_6 hydroxyalkyl;

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino or dimethylamino;

R_5 represents hydrogen, C_1-C_{12} alkylsulfonyl, C_1-C_{12} alkyl, C_3-C_{12} alkenyl, C_3-C_{12} alkynyl, or is C_1-C_{12} alkyl, C_2-C_{12} alkenyl, C_2-C_{12} alkynyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, azido, formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is $(R_{51})(R_{52})(R_{53})Si$—, $(R_{51})(R_{52})(R_{53})Si$—($C_1$-$C_{12}$alkyl)-, $(R_{51})(R_{52})(R_{53})Si$—($C_3$-$C_8$cycloalkyl)-, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—, $(R_{54}O)(R_{55}O)(R_{56}O)Si$—($C_1$-$C_{12}$alkyl)- or $(R_{54}O)(R_{55}O)(R_{56}O)S(C_3$-$C_8$cycloalkyl)-; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl- or phenyl-B—C_3-C_{12}cycloalkyl-, wherein the group B is selected from —C(=O)—, —C(=S)—, —C(=NOR$_{59}$)—, —C(R_{60})=NO—, —ON=C(R_{60})—, —O—C(=O)—, —C(=O)—O—, —O—, —S—, —S(=O)—, —S(=O)2-, —S(=O)(=NR_{13})—, —S(=O)(R_{14})=N—, —N=S(=O)(R_{14})—, —N(R_{62})—C(=O)—, —C(=O)—N(R_{62})—, —N(R_{62})—SO_2— or —SO_2—N(R_{62})—; or

R_5 is C_1-C_6alkyl-B—C_1-C_{12}alkyl-, C_2-C_6alkenyl-B—C_1-C_{12}alkyl-, C_2-C_6alkynyl-B—C_1-C_{12}alkyl-, C_3-C_8cycloalkyl-B—C_1-C_{12}alkyl-, benzyl-B—C_1-C_{12}alkyl-, phenyl-B—C_1-C_{12}alkyl-, C_1-C_6alkyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkenyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkenyl-, C_3-C_8cycloalkyl-

B—C_2-C_{12}alkenyl-, benzyl-B—C_2-C_{12}alkenyl-, phenyl-B—C_2-C_{12}alkenyl-, C_1-C_6alkyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkenyl-B—C_2-C_{12}alkynyl-, C_2-C_6alkynyl-B—C_2-C_{12}alkynyl-, C_3-C_8cycloalkyl-B—C_2-C_{12}alkynyl-, benzyl-B—C_2-C_{12}alkynyl-, phenyl-B—C_2-C_{12}alkynyl-, C_1-C_6alkyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkenyl-B—C_3-C_8cycloalkyl-, C_2-C_6alkynyl-B—C_3-C_8cycloalkyl-, C_3-C_8cycloalkyl-B—C_3-C_8cycloalkyl-, benzyl-B—C_3-C_{12}cycloalkyl-, phenyl-B—C_3-C_{12}cycloalkyl-, all of which, in turn, are mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, formyl, C_2-C_6 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

R_5 is selected from A-, A-(C_1-C_6alkyl)-, A-O—(C_1-C_6alkyl)-, A-(C_3-C_6alkenyl)-, A-O—(C_4-C_6alkenyl)-, A-(C_3-C_6-alkynyl)-, A-O—(C_4-C_6alkynyl)-, A-(C_3-C_8cycloalkyl)- and A-O—(C_3-C_8cycloalkyl)-;

A is a three- to ten-membered monocyclic or fused bicyclic ring system which can be aromatic, partially saturated or fully saturated and can contain 1 to 4 hetero atoms selected from the group consisting of nitrogen, oxygen and sulphur, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the three- to ten-membered ring system to be itself mono- or polysubstituted

A1) by substituents independently selected from the group consisting of

halogen, cyano, nitro, hydroxy, mercapto, nitro, azido, formyl, carboxy, =O, =S, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_8 cycloalkyl, C_1-C_6 haloalkyl, C_2-C_6 haloalkenyl, C_2-C_6 haloalkynyl, C_3-C_8 halocycloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_8 cycloalkyloxy, C_3-C_8 halocycloalkyloxy, C_3-C_8 cycloalkenyloxy, C_3-C_8 halocycloalkenyloxy, benzyl, benzyloxy, phenyl and phenoxy, where the benzyl, benzyloxy, phenyl and phenoxy, in turn, may be mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, nitro, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl; or

A3) by substituents independently selected from the group consisting of

formyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_3-C_7 alkenylcarbonyl, C_3-C_7 haloalkenylcarbonyl, C_4-C_9 cycloalkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 al kenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_4-C_9 cycloalkoxycarbonyl and benzyloxycarbonyl, and benzyloxycarbonyl mono- to polysubstituted by substituents independently selected from the group consisting of halogen, cyano, hydroxy, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 alkoxy; or

A4) by substituents independently selected from the group consisting of hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl, phenyl, =$C(R^{36'})_2$, =N—OH, =N—O—C_1-C_4-alkyl, =N—O—C_3-C_4 alkenyl, =N—O—C_3-C_4 alkynyl, =N—O—C_1-C_4 haloalkyl, =N—O—C_3-C_4 haloalkenyl, =N—O-benzyl and =N—O-phenyl, wherein the =N—O-benzyl and =N—O-phenyl are optionally substituted by one or more group selected from the group consisting of halogen, methyl, halomethyl; or

R_5 is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O, S or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7-alkylcarbonyl, C_2-C_7-alkoxycarbonyl, C_4-C_7-al kenyloxycarbonyl, C_4-C_7-alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, =O, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

R_6 is hydrogen;

R_7 is hydrogen or C_1-C_4 alkyl.

3. A fungicidal composition according to claim **1**, wherein component A) is a compound of formula (I) wherein R_1 and R_2 are each independently selected from hydrogen and C_1-C_4 alkyl;

or R_1 and R_2 together with the nitrogen atom to which they are connected form pyrrolidine or piperidine;

R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, pyrrolidino, imidazolino, triazolino, formyl, phenyl, C_2-C_4 alkylcarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl or C_1-C_6 hydroxyalkyl;

R_4 is selected from fluorine, chlorine, bromine, C_1-C_4 alkyl, C_1-C_4 alkenyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_3-C_6 cycloalkyl;

R_5 is selected from G^1, G^2, G^3-G^4, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{12}, G^{13}, G^{14}, G^{15} and G^{16};

R_6 is hydrogen;

R_7 is selected from hydrogen and C_1-C_4 alkyl;

G^1 is a C_8-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl and cyano;

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 al kenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, —C(=O)NH_2, —C(=O)NH(CH_3), —C(=O)N(CH_3)$_2$ and —C(=S)NH_2;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^4 is C_3-C_{12} cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl,

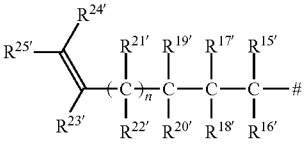
C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^5 is C_3-C_7 cycloalkyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—CH(CH_3)$_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6-alkenyloxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 al kenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, phenoxy, —C(═O)NH_2, —C(═O)NH(CH_3), —C(═O)N(CH_3)$_2$ and —C(═S)NH_2;

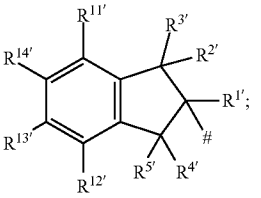
G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

G^7 is methylene;

G^8 is



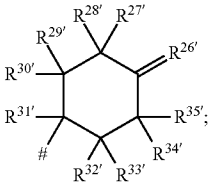
G^9 is



G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, C(═O)NH_2, C(═O)NH(CH_3), C(═O)N(CH_3)$_2$, C(═S)NH_2, C(═S)NH(CH_3), C(═S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, phenyl, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl, C_1-C_6 haloalkylsulfonyl, phenyl, 2-phenyl-ethynyl and 2-phenyl-ethyl;

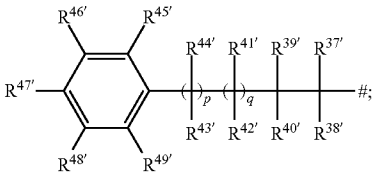
G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, CN, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

G^{12} is

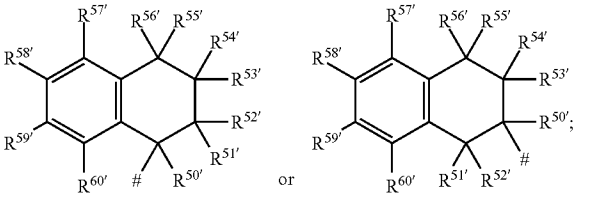


G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, COOH, tri(C_1-C_6-alkyl)silyl, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_2-C_7 alkylcarbonyl, C_2-C_7 alkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 alkynyloxycarbonyl, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 alkylsulfonyl, ═O, —C(═O)NH_2, —C(═O)NH(CH_3), —C(═O)N(CH_3)$_2$ and —C(═S)NH_2;

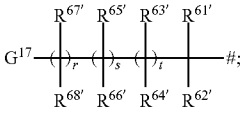
G^{14} is



G^{15} is



G^{16} is



G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N(R^{69}), O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system

to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{15'}$ and $R^{16'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_3-C_6 cycloalkyl;

each $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are selected independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_3-C_6 cycloalkyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

$R^{26'}$ is C($R^{36'}$)$_2$, N—OH, N—O—C_1-C_4-alkyl, N—O—C_2-C_4-alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O wherein the N—O-benzyl and N—O-phenyl may be substituted by one or more groups independently selected from the group consisting of halogen, methyl and halomethyl;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, C_2-C_4 haloalkenyl, cyano, benzyl and phenyl;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$ and $R^{38'}$ are selected independently of each other from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{50'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, $SO_2NH(CH_3)$, $SO_2N(CH_3)_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_2-C_6 alkoxy, C_2-C_6 haloalkoxy, phenyl, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, benzyloxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, halogen, hydroxy, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy and C_1-C_4 alkylthio;

$R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl and C_1-C_4 alkylcarboxy;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r, s and t are independently selected from 0 and 1.

4. A fungicidal composition according to claim **1**, wherein component A) is a compound of formula (I) wherein R_1 and R_2 are each C_1-C_4 alkyl;

R_3 represents hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl or C_1-C_4 alkylsulfonyl;

R_4 is selected from methyl, ethyl, methoxy, fluorine and chlorine;

R_6 is hydrogen;

R_7 is hydrogen or C_1-C_4 alkyl.

5. A fungicidal composition according to claim **1**, wherein component A) is a compound of formula (I) wherein R_1 and R_2 are each independently selected from methyl, ethyl and isopropyl;

R_3 represents hydrogen, halogen, C_1-C_4 alkyl, C_1-C_4 haloalkyl, cyclopropyl, ethynyl or C_1-C_4 alkoxy;

R_4 is selected from methyl, methoxy, fluorine and chlorine;

R_6 is hydrogen;

R_7 is hydrogen.

6. A fungicidal composition according to claim 1, wherein component A) is a compound of formula (I) wherein

R_1 is methyl;

R_2 is ethyl;

R_3 is selected from hydrogen, bromine, iodine, methyl, CHF_2, cyclopropyl, ethynyl and methoxy;

R_4 is methyl;

R_6 is hydrogen;

R_7 is hydrogen.

7. A fungicidal composition according to claim 3, wherein component A) is a compound of formula (I) wherein R_5 is selected from G^1, G^2, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{12}, G^{14}, G^{15} and G^{16}.

8. A fungicidal composition according to claim 3, wherein component A) is a compound of formula (I) wherein R_5 is selected from G^2, G^5, G^6-G^7, G^8, G^9, G^{10}-G^{11}, G^{14} and G^{16}.

9. A fungicidal composition according to claim 3, wherein component A) is a compound of formula (I) wherein R_5 is selected from G^2, G^5, G^8 and G^{10}-G^{11}.

10. A fungicidal composition according to claim 3, wherein component A) is a compound of formula (I) wherein G^1 is a C_9-C_{10} fused bicyclic ring system which may be saturated or comprise one carbon-carbon double bond and is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl;

G^2 is C_3-C_6 cycloalkenyl, which is optionally substituted by one or more groups independently selected from halogen, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_1-C_4 fluoroalkyl, C_1-C_4 alkoxy and halogen;

G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, halogen and cyano, wherein the alkyl groups are optionally substituted by one or more halogen;

G^5 is C_3-C_7 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —CH(CH_3)—CH_2—CH_2—CH_3, —CH—CH(CH_3)—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —CH(CH_3)—CH(CH_3)$_2$, C_2-C_6 haloalkyl, C_1-C_6 alkoxy, C_3-C_4-alkenyloxy, phenoxy and C_1-C_6 alkylthio;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 alkynyloxy, C_1-C_6 alkylthio, C_1-C_6 alkylsulfinyl and C_1-C_6 alkylsulfonyl;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, OH, SH, CHO, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, cyclopropyl, CH=CH_2, C(CH_3)=CH_2, CH=CH(CH_3), C(CH_3)=CH(CH_3), CH=C(CH_3)$_2$, C(CH_3)=C(CH_3)$_2$, CH=CF_2, CH=CCl_2, C≡CH, methoxy, ethoxy, iso-propyloxy, phenyl, $OCHF_2$, OCH_2—C≡CH, OCH(CH_3)—C≡CH, SCH_3, SCH_2CH_3, S(=O)CH_3, S(=O)CH_2CH_3, S(=O)$_2CH_3$ and S(=O)$_2CH_2CH_3$;

G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio and =O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, NO_2, OH, SH, CHO, C(=O)NH_2, C(=O)NH(CH_3), C(=O)N(CH_3)$_2$, C(=S)NH_2, C(=S)NH(CH_3), C(=S)N(CH_3)$_2$, SO_2NH_2, SO_2NH(CH_3), SO_2N(CH_3)$_2$, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6 alkoxy, C_1-C_6 haloalkoxy, C_3-C_6 alkenyloxy, C_3-C_6 haloalkenyloxy, C_3-C_6 alkynyloxy, C_3-C_6 cycloalkoxy, C_3-C_6 halocycloalkoxy, C_1-C_6 alkylthio, C_1-C_6 haloalkylthio, C_1-C_6 alkylsulfinyl, C_1-C_6 haloalkylsulfinyl, C_1-C_6 alkylsulfonyl and C_1-C_6 haloalkylsulfonyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl and C_1-C_4 fluoroalkyl;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 alkylthio;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy and C_1-C_6 alkylthio;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are independently selected from the group consisting of hydrogen, halogen, methyl, ethyl, isopropyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3 and CF_2CF_3;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_3-C_6 cycloalkyl, C_3-C_6 halocycloalkyl and C_1-C_4 alkylthio;

$R^{26'}$ is N—OH, N—O—C_1-C_4 alkyl, N—O—C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O—C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O or C($R^{36'}$)$_2$;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, hydroxyl, C_1-C_4 alkyl, C_1-C_4 alkoxy and halogen;

or $R^{28'}$ and $R^{29'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are selected independently of each other from a group consisting of

hydrogen, halogen, methyl, ethyl, isopropyl, monofluoromethyl, polyfluoromethyl, monofluoroethyl, and polyfluoroethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, ethoxy, difluoromethoxy, trifluoromethoxy, methlythio, methylsulfinyl and methylsulfonyl;

$R^{50'}$ is selected from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl;

$R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_2-C_4 alkoxy and C_1-C_4 haloalkoxy;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, cyano, halogen, C_1-C_6 alkyl and C_1-C_6 haloalkyl;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl and C_1-C_4 haloalkyl;

$R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, cyano, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy and C_1-C_4 haloalkoxy;

$R^{69'}$ is selected from hydrogen, C_1-C_4 alkyl and C_1-C_4 alkylcarboxy;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r and s are 0 and t is 1 or 0.

11. A fungicidal composition according to claim **3**, wherein component A) is a compound of formula (I) wherein G^1 is a saturated C_{10} fused bicyclic ring system which is optionally substituted by one or more groups independently selected from C_1-C_4 alkyl, fluorine, methoxy and C_1-C_4 fluoroalkyl;

G^2 is a C_5-C_6 cycloalkenyl group optionally substituted by one or more fluorine atoms;

G^3 is phenyl, which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, CHF_2, CF_3, C_1-C_4 alkoxy and halogen;

G^4 is C_5-C_6 cycloalkyl which is optionally substituted by one or more groups independently selected from hydroxyl, C_1-C_4 alkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy and halogen;

G^5 is C_5-C_6 cycloalkyl, which is substituted by one or more groups independently selected from ethyl, n-propyl, isopropyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—$CH(CH_3)$—CH_3, —CH_2—CH_2—$CH(CH_3)_2$, —$CH(CH_3)$—$CH(CH_3)_2$ and C_2-C_6 haloalkyl;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more groups independently selected from halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

G^7 is methylene;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from hydrogen, halogen, CN, OH, methyl, ethyl, n-propyl, iso-propyl, CH_2F, CHF_2, CF_3, CHF—CH_3, CF_2—CH_3, CF_2—CF_3, CH═CH_2, $C(CH_3)$═CH_2, CH═$CH(CH_3)$, $C(CH_3)$═$CH(CH_3)$, CH═$C(CH_3)_2$, $C(CH_3)$═$C(CH_3)_2$, CH═CF_2, CH═CCl_2, C≡CH, methoxy, ethoxy, isopropyloxy, phenyl and $OCHF_2$;

G^{11} is methylene substituted by at least one group independently selected from C_1-C_4 alkyl, C_1-C_4 haloalkyl and C_1-C_4 alkoxy;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 alkoxy, C_1-C_6 alkylthio and ═O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 to 4 members selected from the group consisting of N, N($R^{69'}$), O and S it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or benzyl, wherein the phenyl or benzyl are optionally substituted by halogen, CN, C_1-C_4 alkyl or C_1-C_4 haloalkyl;

$R^{1'}$ is selected from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3;

$R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F, CF_3 and methoxy;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2, CF_3 and C_1-C_4 alkoxy;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$ and $R^{22'}$ are each independently selected from hydrogen, fluorine, methyl, ethyl, CH_2F, CHF_2, CF_3 and isopropyl;

$R^{23'}$, $R^{24'}$ and $R^{25'}$ are independently selected from the group consisting of hydrogen, methyl, fluorine, chlorine, bromine, ethyl, CH_2F, CHF_2, CF_3 and isopropyl;

$R^{26'}$ is selected from the group consisting of N—OH, N—O— C_1-C_4 alkyl, N—O— C_2-C_4 alkenyl, N—O— C_2-C_4 alkynyl, N—O— C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O, and $C(R^{36'})$;

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and $R^{35'}$ are each independently selected from the group consisting of hydrogen, C_1-C_4 alkyl and halogen;

or $R^{27'}$ and $R^{28'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are independently selected from the group consisting of hydrogen, fluorine, methyl and trifluoromethyl;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, cyclopropyl, C≡CH, CH═CH_2, $C(CH_3)$═CH_2, CF_3, CHF_2, CH_2F, —CHF—CH_3, —CF_2—CH_3, methoxy, difluoromethoxy, trifluoromethoxy, ethoxy, methlythio, methylsulfinyl and methylsulfonyl;

$R^{50'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are selected, independently of each other, from the group consisting of hydrogen, fluorine, methyl, CH_2F and CF_3;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl, CHF_2 and CF_3;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$ and $R^{62'}$ are selected independently of each other from the group consisting of hydrogen, fluorine, methyl, ethyl, CHF_2 and CF_3;

$R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are selected independently of each other from the group consisting of hydrogen, fluoro, methyl, ethyl, methoxy, difluoromethoxy, trifluoromethoxy, CHF_2 and CF_3;

$R^{69'}$ is selected from hydrogen and C_1-C_4 alkyl;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r and s are 0 and t is 1 or 0.

12. A fungicidal composition according to claim **3**, wherein component A) is a compound of formula (I) wherein

G^1 is a saturated C_{10} fused bicyclic ring system;

G^2 is a C_5-C_6 cycloalkenyl group;

G^3 is phenyl;

G^4 is cyclohexyl or cyclopentyl;

G^5 is C_6 cycloalkyl, which is optionally substituted by one or more groups independently selected from ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl, sec-butyl, tert-butyl, n-pentyl, —$CH(CH_3)$—CH_2—CH_2—CH_3, —CH—$CH(CH_3)$—CH_2—CH_3, —CH_2—CH_2—CH(CH_3)—CH_3, —CH_2—CH_2—$CH(CH_3)_2$ and —CH(CH_3)—$CH(CH_3)_2$;

G^6 is phenyl, which must be substituted by at least one fluorine and is optionally further substituted by one or more methyl, bromine, iodine or chlorine;

G^7 is methylene;

G^{10} is phenyl, which is optionally substituted by one or more groups independently selected from halogen, CN, methyl, ethyl, n-propyl, iso-propyl, ethenyl, methoxy, ethoxy, iso-propyloxy, phenyl, CHF_2, CF_3, CHF—CH_3 and $OCHF_2$;

G^{11} is methylene substituted by at least one group independently selected from methyl, CF_3 and ethyl;

G^{13} is a C_8-C_{11} spirobicyclic system containing 0, 1 or 2 O or N atoms, wherein there are no adjacent O atoms, which is optionally substituted by one or more groups independently selected from halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy and =O;

G^{17} is a five- to six-membered monocyclic heteroaromatic ring system which can contain 1 or 2 members selected from the group consisting of N, O and S, it not being possible for each ring system to contain —O—O—, —S—S— and —O—S— fragments, and it being possible for the five- to six-membered ring system to be itself mono- or polysubstituted by groups selected from the group consisting of halogen, CN, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, phenyl or fluorophenyl;

$R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$ and $R^{5'}$ are each hydrogen;

$R^{11'}$, $R^{12'}$, $R^{13'}$ and $R^{14'}$ are selected, independently of each other, from the group consisting of hydrogen, halogen, cyano, C_1-C_4 alkyl and C_1-C_4 alkoxy;

$R^{15'}$, $R^{16'}$, $R^{17'}$, $R^{18'}$, $R^{19'}$, $R^{20'}$, $R^{21'}$, $R^{22'}$, $R^{23'}$, $R^{24'}$ and $R^{25'}$ are each independently selected from hydrogen, methyl, ethyl and isopropyl;

$R^{26'}$ is N—OH, N—O— C_1-C_4 alkyl, N—O— C_2-C_4 alkenyl, N—O—C_2-C_4 alkynyl, N—O— C_1-C_4 haloalkyl, N—O—C_2-C_4 haloalkenyl, N—O-benzyl, N—O-phenyl, N—O-halophenyl, O and C($R^{36'}$);

$R^{27'}$, $R^{28'}$, $R^{29'}$, $R^{30'}$, $R^{31'}$, $R^{32'}$, $R^{33'}$, $R^{34'}$ and R^{35} are each hydrogen or methyl;

or $R^{27'}$ and $R^{28'}$ together with the two carbon atoms to which they are attached form a double bond;

each $R^{36'}$ is independently selected from hydrogen, halogen and C_1-C_4 alkyl;

$R^{37'}$, $R^{38'}$, $R^{39'}$, $R^{40'}$, $R^{41'}$, $R^{42'}$, $R^{43'}$ and $R^{44'}$ are hydrogen;

$R^{45'}$, $R^{46'}$, $R^{47'}$, $R^{48'}$ and $R^{49'}$ are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, CF_3, CHF_2, CH_2F, methoxy, difluoromethoxy and trifluoromethoxy;

$R^{53'}$, $R^{51'}$, $R^{52'}$, $R^{53'}$, $R^{54'}$, $R^{55'}$ and $R^{56'}$ are each hydrogen;

$R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ are selected, independently of each other, from the group consisting of hydrogen and halogen;

provided that at least one of $R^{57'}$, $R^{58'}$, $R^{59'}$ and $R^{60'}$ is not hydrogen;

$R^{61'}$, $R^{62'}$, $R^{63'}$, $R^{64'}$, $R^{65'}$, $R^{66'}$, $R^{67'}$ and $R^{68'}$ are hydrogen;

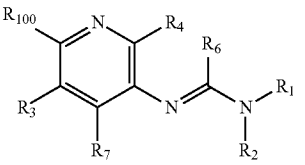
$R^{69'}$ is hydrogen;

n is 0 or 1;

p and q are independently selected from 0 and 1;

r, s and t are each 0.

13. A compound according to formula (IV)



(IV)

wherein R_{100} is halogen, SH, C_1-C_4 alkylthio, C_1-C_4-alkysulfinyl, C_1-C_4 alkylsulfonyl;

R_1 and R_2 are each independently selected from hydrogen, C_1-C_4 alkyl, C_3-C_4 alkenyl, C_3-C_4 alkynyl, (R_{10})carbonyl and (R_{10})oxycarbonyl;

or R_1 and R_2 together with the nitrogen atom to which the are attached form a 5- or 6 membered cyclic group which may be saturated or unsaturated and may contain a further heteroatom selected from S or O;

R^3 represents hydrogen, halogen, cyano, nitro, mercapto, hydroxy, —C(=S)NH_2, —SF_5, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_2-C_6 alkenyl, C_2-C_6 haloalkenyl, C_2-C_6 alkynyl, C_2-C_6 haloalkynyl, C_1-C_6alkoxy, C_1-C_6 haloalkoxy, C_3-C_6cycloalkyl amino, C_1-C_2 alkylamino, di(C_1-C_6alkyl)amino, a 5-membered heterocycle containing 1-4 nitrogen atoms, piperidino, morpholino, thiomorpholino, formyl, hydroxycarbonyl, C_2-C_7 alkoxycarbonyl, C_2-C_7 haloalkoxycarbonyl, C_4-C_7 alkenyloxycarbonyl, C_4-C_7 haloalkenyloxycarbonyl, C_2-C_7 alkylcarbonyl, C_2-C_7 haloalkylcarbonyl, C_1-C_6alkylthio, C_1-C_6alkylsulfinyl, C_1-C_6alkylsulfonyl, C_1-C_6 haloalkylthio, C_1-C_6 haloalkylsulfinyl, C_1-C_6 haloalkylsulfonyl, C_1-C_6 hydroxyalkyl, phenyl or benzyl wherein the phenyl and benzyl are optionally substituted by one or more groups independently selected from the group consisting of halogen, cyano, hydroxy, mercapto, amino, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6alkoxy, C_1-C_6 haloalkoxy, C_1-C_6alkylthio, C_1-C_6alkylsulfinyl and C_1-C_6alkylsulfonyl;

R_4 represents hydrogen, halogen, cyano, amino, C_1-C_4 alkyl, C_1-C_4 haloalkyl, C_3-C_6 cycloalkyl, C_2-C_4 alkenyl, C_2-C_4 alkynyl, C_1-C_4 alkoxy, C_1-C_4 haloalkoxy, C_1-C_4 alkylthio, C_1-C_4 alkylsulfinyl, C_1-C_4 alkylsulfonyl, methylamino or dimethylamino;

R_6 is selected from hydrogen and SH; and

R_7 is hydrogen, halogen or C_1-C_4 alkyl.

14. A method of controlling phytopathogenic diseases on useful plants or on propagation material thereof, which com-

prises applying to the useful plants, the locus thereof or propagation material thereof a combination of components A) and B) in a synergistically effective amount according to claim **1** together with an inert carrier, and optionally an adjuvant.

15. A fungicidal composition, comprising a combination of components A) and B) according to claim **1** together with an inert carrier, and optionally an adjuvant, wherein the weight ratio of A) to B) is between 100:1 and 1:6000.

16. A method of protecting natural substances of plant origin, which have been taken from their natural life cycle, and/or their processed forms, which comprises applying to said natural substances of plant and/or animal origin or their processed forms a combination of components A) and B) according to claim **1** in a synergistically effective amount.

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